



THE ROLLAMO • 1934

University of Missouri - Rolla



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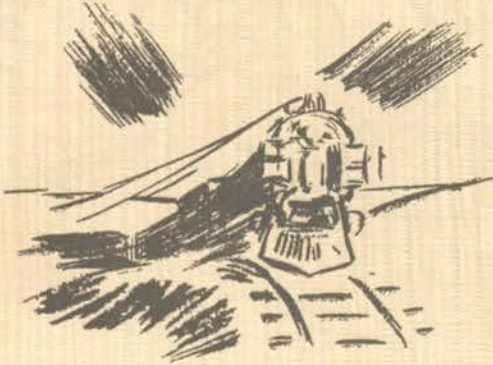
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The successful engineer must possess talents no one can give him. Men in this profession must have the ability to visualize an objective and to work unfaltering toward it. In engineering one must be prepared to face its responsibilities. They must not be overlooked in the enthusiasm for an interesting and creative career. An engineer's blunder or lack of foresight may plunge a city into darkness, tie up its transportation, interrupt its water supply, wreck millions of dollars worth of machinery, imperil an entire community, or throw thousands into idleness. In engineering there is no substitute for accuracy both in planning and in performance.



THE



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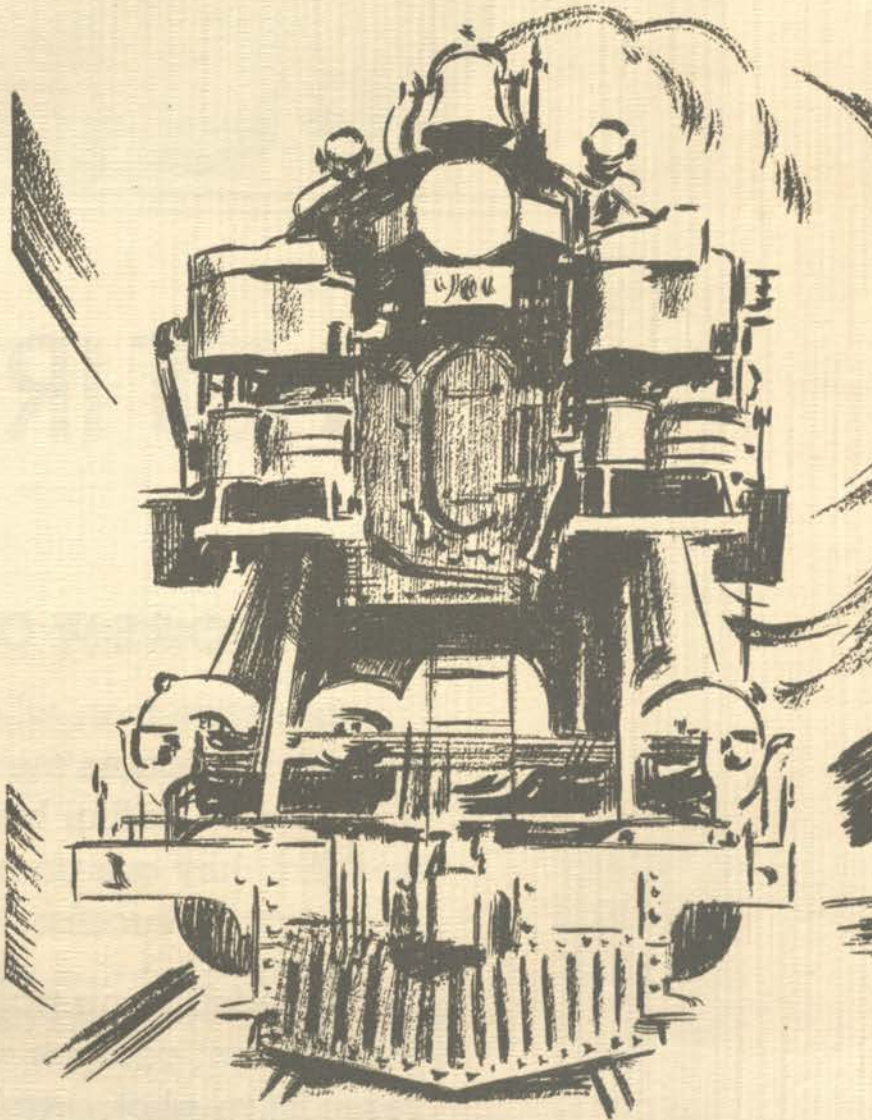
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ROLLAMO

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PUBLISHED BY THE
MISSOURI SCHOOL OF MINES
AND METALLURGY

ROLLA

MISSOURI

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OF ACHIEVEMENT



INTRO D

FOREWORD

It is a wise man who, early in his college life, learns the importance of trained and skillful hands, and realizes that they are an essential factor in his future success.

On the following pages we present the different campus groups by representative photographs of hands.





UCTION

DEDICATION

The 1934 Rollamo departs from the custom of dedicating the book to past achievements.

Since this book and this class deal with the present and the future.

We dedicate it and the graduates of 1934 to those deeds as yet undone — which will, in time, surely yield to the eager energy of persistent youth.



C O N T E N T S

CHAPTER ONE - COLLEGE

Faculty
Classes

CHAPTER TWO - ATHLETICS

Football
Basketball
Minor Sports
Intramural

CHAPTER THREE - ACTIVITIES

Honorary and Professional
Fraternities
Social Fraternities
Campus Organizations
Military

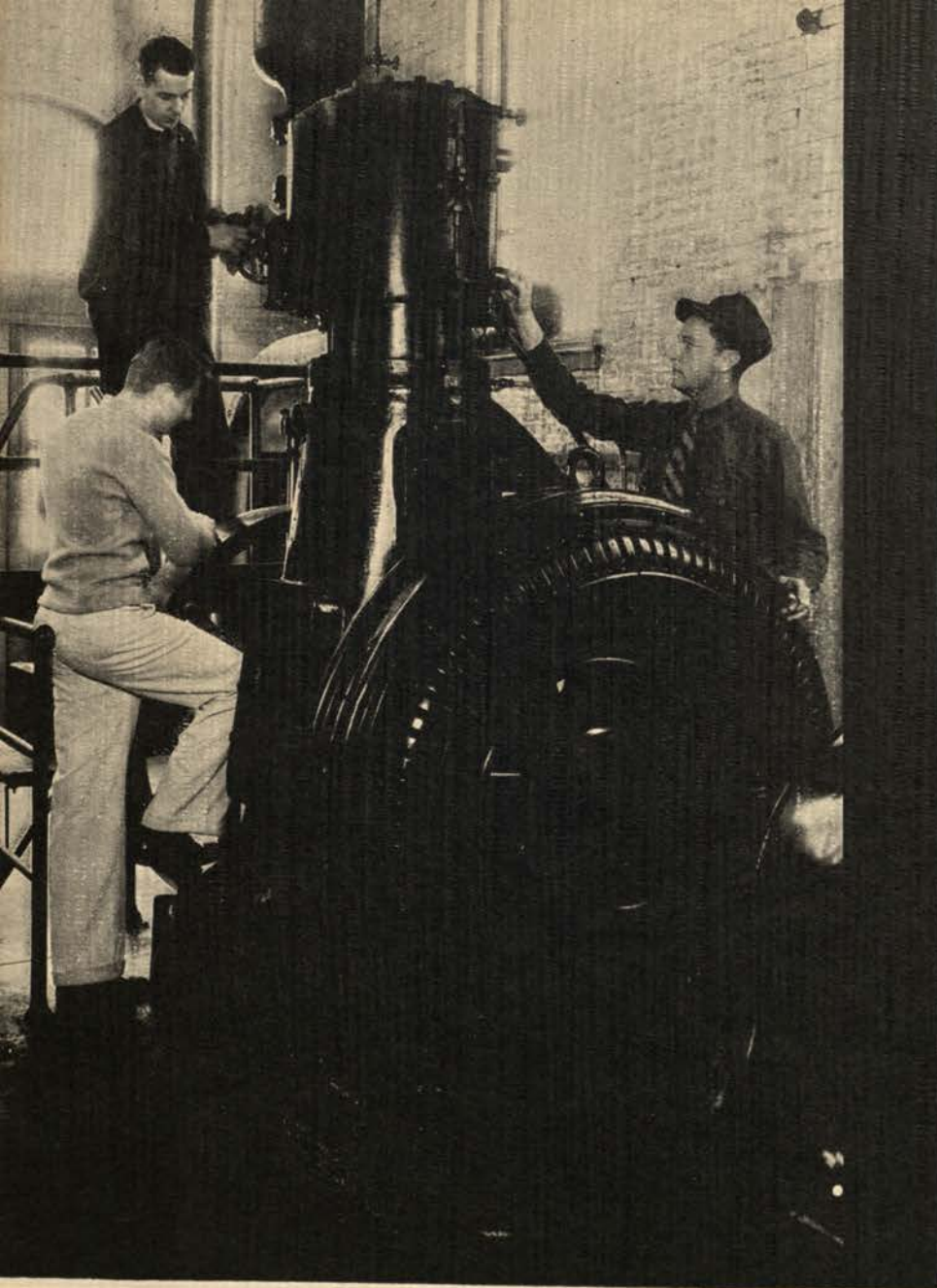
CHAPTER FOUR - ST. PAT'S

Satire
Advertising

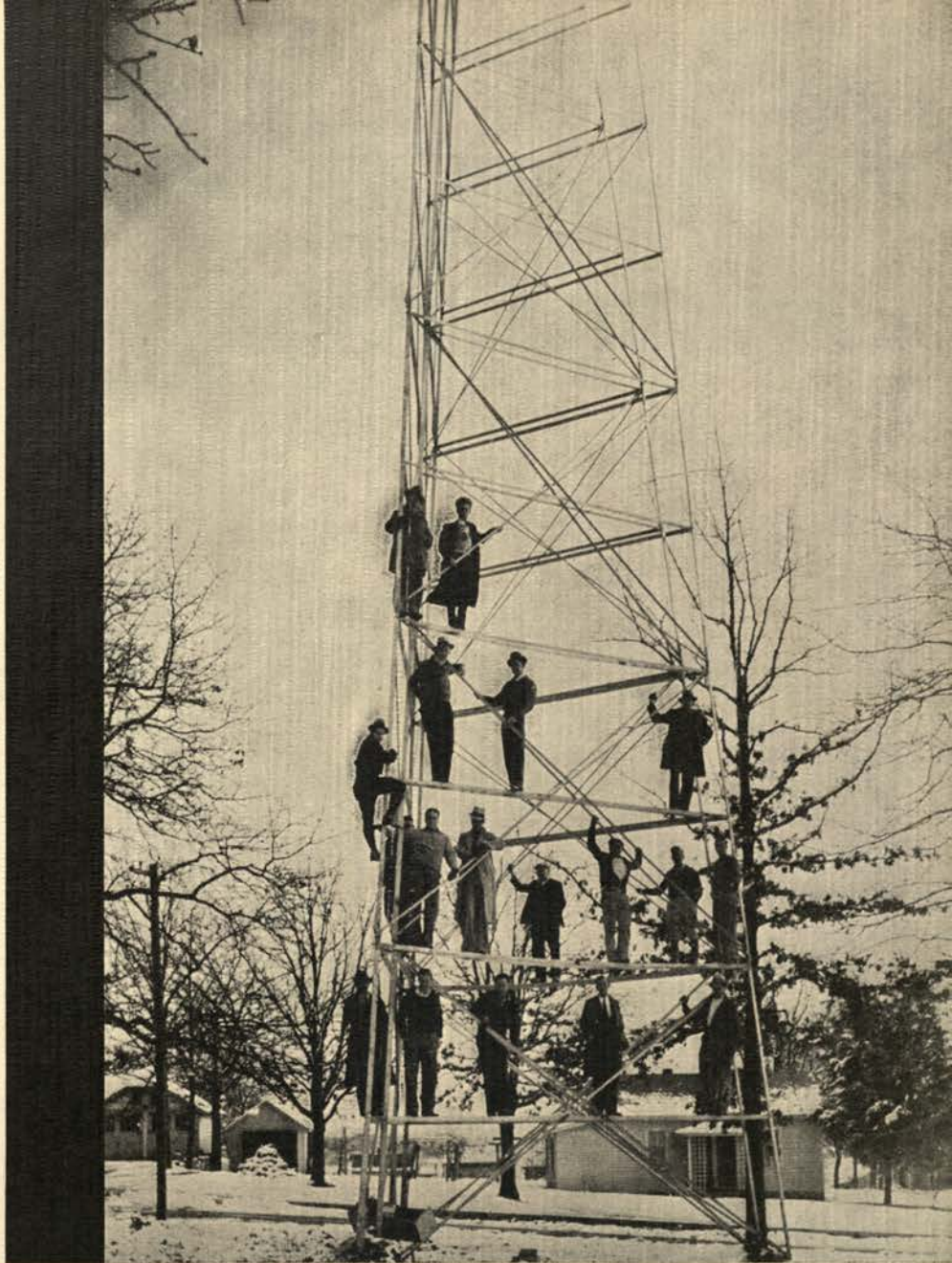




POWER PLANT PANEL BOARD



POWER PLANT LABORATORY



TRIANGULATION TOWER



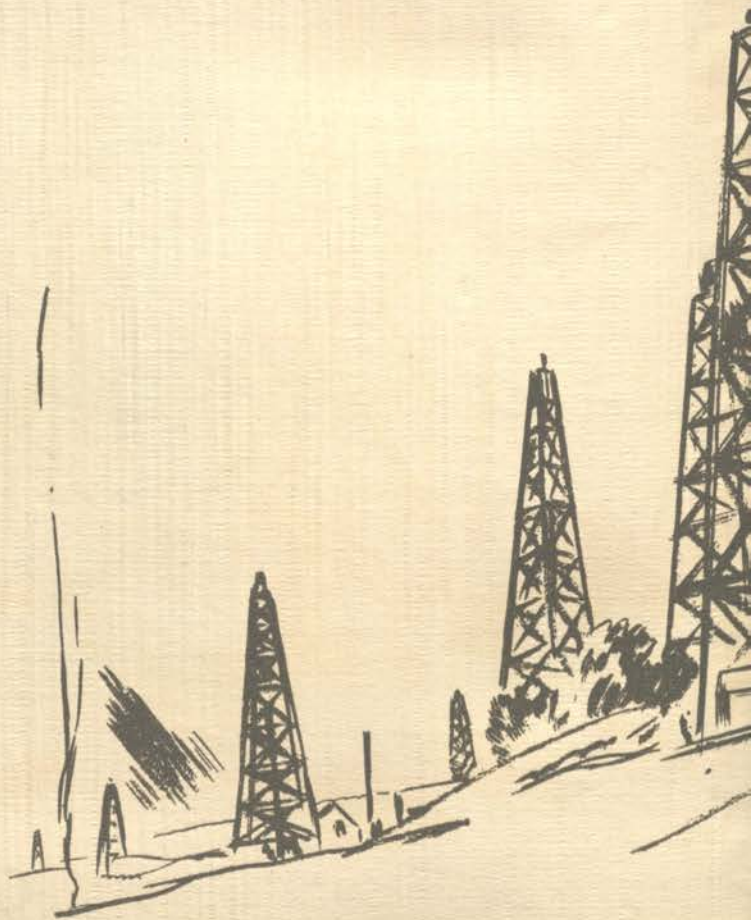
CERAMIC LABORATORY

CHAPTER • •
ONE • • •
COLLEGE

School—a plot of ground, a group of buildings,
expensive equipment? No.

School—a group of learned men surrounded by
eager youth bonded together by a mutual desire
for knowledge, that they may be the builders of
the future? Yes.

Thus we present our



C O L

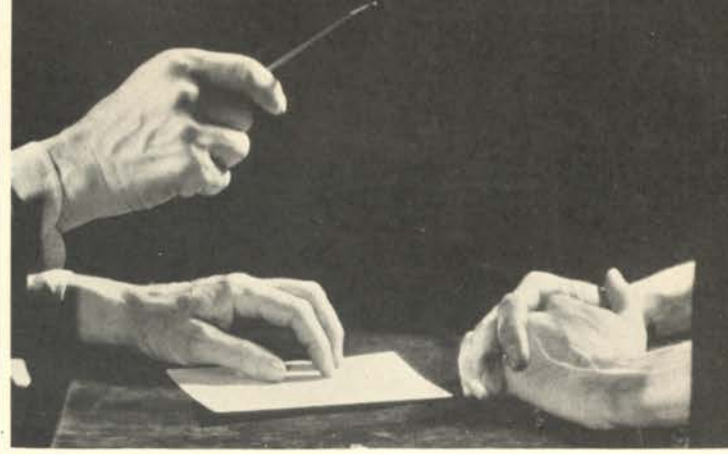


L E G E

Oil from the depths is crude—variable
—watery—gasey—or even gritty.

The major part is of volatile gasoline
—oil—grease—or vaseline. . . . The uni-
formity, the various dependable qualities
of these products have been separated,
refined, blended, and produced by the
constant progress of the research chem-
ist. The engineers of today have learned
the lesson of Edison's search for the
filament for the early incandescent lamp.

Petroleum is probably the newest—
greatest natural resource—it is indis-
pensable.



*The learned hands that teach
unskilled hands to labor. May
we always honor them — the
hands of our FACULTY.*

FACULTY



WALTER WILLIAMS, LL.D.
President of University of Missouri

THE PRESIDENT

Walter Williams, our President, as a pioneer in journalism, one of the newer branches of education, has made his impress upon the world with his superior ability in that particular field. Coming from the ranks as a country editor, Dr. Williams has advanced through every phase of his profession until today practically every country in the world has been his host while he traveled as a disciple of his profession, preaching and teaching higher ideals on the part of those who dispense the news upon which we so largely govern our daily lives. The sincerity and truth in the news of today, in contrast with that of earlier history in America, can be attributed in no small part to the influence of Dr. Williams.

His interest in the School of Mines has at all times been unfailing. Proud of his achievements, and as the President of our great University, we, the students of the School of Mines, thus greet him.

HIS MESSAGE

I once visited a young Japanese statesman at his country home near Tokio. He proudly took me into a beautiful garden where he suddenly stopped and said, "On this spot my grandfather planted a tree. It was a wonderful tree, but recently I cut it down."

Knowing the Japanese ancestral worship, I understood what it meant to him to undo the work of a forefather.

"But, look," he exclaimed. "See the view made possible by cutting away that tree!" There, stretching forth for miles, was a gorgeous vista of one of the most marvelous valleys in the world. It was worth while!

The engineer is engaged in bringing all the forces and resources of nature to greater service and usefulness of mankind. He tears down the old and builds up the new . . . but always with the ideal in mind that he is making the world a better place in which to live. He only destroys in order to build something more beautiful, more useful to humanity.

I would wish for our Missouri engineers, whose work is known on all the continents of the world, that this ideal be constantly before them. Thus they will continue to justify the faith and the pride that we, as teachers, feel in them.

WALTER WILLIAMS



CHARLES HERMAN FULTON

Director, Missouri School of Mines

E.M., D.Sc.

Theta Delta Chi, Sigma Xi, Tau Beta Pi,
Phi Kappa Phi, Theta Tau.

TO THE STUDENTS OF M. S. M.:

I suggest that you carefully preserve this Rolla for the coming years to hand down to your descendants, as coming from the time of the "Great Depression," the recurrence of which you and coming sons of M. S. M. will have made a thing of the past. It is becoming more apparent as the years go that the solution of the world's problems will be undertaken and accomplished by those trained in hard, scientific thinking, namely, the scientists and the engineers. But remember, in order to do this the engineer must broaden his outlook, must widen his vision and become acquainted with the humanity of the past in order to do for the humanity of the future. Your education is in your own hands. Make the most of it.

CHARLES H. FULTON

TO THE STUDENT BODY:

I wish to extend my heartiest commendations to all of you for the splendid way in which you have carried on during the trying times of the past few years. The decrease in enrollment, the curtailment of school funds, the general unrest of the times, have not discouraged you. Scholastically, there has been an actual improvement in the general tone of your work. In your extra-curricular activities, you have closed up the gaps in the ranks caused by decreased enrollment and, each assuming his share of the extra burden, have made the activities more vital to each member, and therefore stronger than ever.

Politically, you, like the nation, are experiencing a "new deal." You are faced by a great opportunity . . . you can discard whatever was weak or undesirable and can build up a new regime of genuine co-operation and good will to all. May you make the most of this opportunity, and, united in a common cause, bring better and happier days to M. S. M.

H. H. ARMSBY,



HENRY HORTON ARMSBY
Registrar
B.S.C.E.
Sigma Nu, Phi Kappa Phi

THE 1934 ROLLAMMO

First Row

HARRIS, DEAN, BARLEY, WOODMAN, CLAYTON,
GARRETT, JACKSON, MANN, FRAME, SCHRENK.

Second Row

HANLEY, STEINMESCH, DODD, STEPHENSON,
KERSHNER, MULLENBURG, HARDIN, DUNLAP,
THORNBERRY, BUTLER.

Third Row

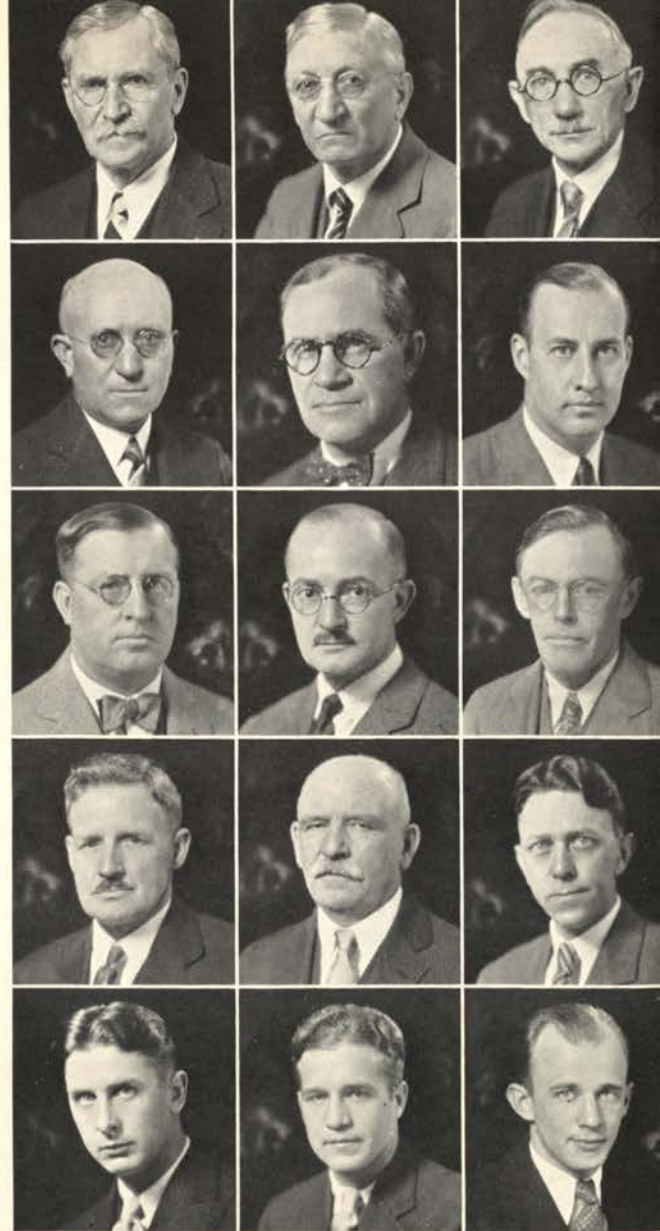
HINSCH, LOVETT, DAKE, JOHNSON, ORTEN, RANES,
RANKIN, WILLIAMS, BARDSLEY, CARLTON.

Fourth Row

UNDERWOOD, BRADLEY, MONROE, ZEUCH, YOUNG,
GRAWIE, WALSH, DECKER, GOODHUE, CAGG.

Fifth Row

GRANT, BROWN, CULLISON, BERTRAM, WILSON,
KILPATRICK, MILLAR, ITCHNER, RATLIFF,
MISS SEASE.



ELMO GOLIGHTLY HARRIS, C. E.
Professor of Civil Engineering.

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Professor of Mathematics.

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Ph. D.
Professor of English.

LEON ELMER WOODMAN, A. B., A. M.,
Ph. D.
Professor of Physics.

CHARLES YANCY CLAYTON, B. S., Met. E.
Professor of Metallurgy and Ore Dressing.

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Professor of Mechanics.

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Professor of Mechanical Engineering.
Who's Who in Eng.

CLAIR VICTOR MANN, B. S., C. E., Ph. D.
Professor of Drawing and Descriptive
Geometry.

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Professor of Electrical Engineering.
Head of the Department.
Who's Who in Engineering.

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Ph. D.
Professor of Chemistry.
"Men Among Science."

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Professor of Metallurgy.

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Professor of Mining.

CHARLES MITCHENER DODD, B. Cer. E.
Professor of Ceramic Engineering.



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Professor of Petroleum Production.

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Professor of Chemical Engineering.

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E. M., Ph. D.
Professor of Economic Geology.

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First Lieutenant, Corps of Engineers, U. S. A.
Professor in Military Science and Tactics.

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Ph. D.
Professor of Chemical Engineering.
"Men Among Science."

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Met. E.
Associate Professor Metallurgical Research.

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Professor of Mathematics.

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Professor of Electrical Engineering.
Secretary to the Faculty.

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Ph. D.
Professor of Geology.
Who's Who in America.

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C. E., M. S., Sc. D., M. A.
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ERNEST WILSON CARLTON, B. S., M. S.
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Assistant Professor of Shop.

STERLING PRICE BRADLEY, B. S.
Assistant Professor of English.

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"Men Among Science."

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Drawing and Descriptive Geometry.

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Associate Professor of Engineering.
Drawing and Descriptive Geometry.

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M. S.
Assistant Professor of Mineralogy.

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Assistant Professor of Metallurgy.

ERNEST ETHRIDGE DECKER, B. S.
Instructor in Civil Engineering.

ELDRIDGE ALVAH GOODHUE, A. B., B. S.,
M. S.
Instructor in Mathematics.

MILES HERBERT CAGG, A. B., M. A.
Assistant Professor of English.

HAROLD GRANT, A. B.
Athletic Director and Coach.

JUNIOR BROWN, A. B.
Instructor in Physical Education, Assistant
Coach, Director of Intramural Athletics.

JAMES SHELLY CULLISON, A. B., M. S.
Instructor in Geology.

WILLIAM B. BERTRAM, LL. B., Sergeant
U. S. A.
Instructor in Military Science and Tactics.

JOHN MILTON WILSON, B. S., M. S.
Instructor in Physics.

A. VERN KILPATRICK, B. S.
Assistant Professor of Mechanical Engineer-
ing.

CHARLES J. MILLAR, B. S., M. S.
Assistant Professor of Biology.

EMERSON C. ITCHNER, C. E.
First Lieutenant Corps of Engineers, U. S. A.,
Assistant Professor of Military Science and
Tactics.

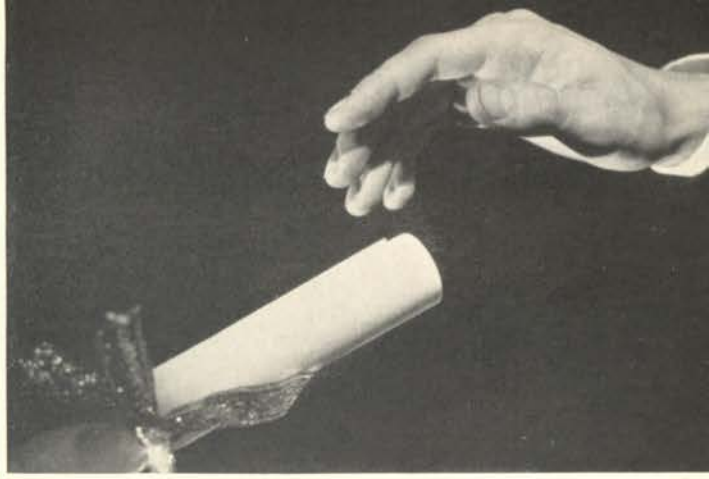
RYLAND FLETCHER RATLIFF, A. B., A. M.
Associate Professor of Physics.

NADINE MATLOCK SEASE, B. S., M. S.
Instructor in English.

OSCAR ADAM HENNING, A. B., A. M.
Professor of Modern Languages.

CLARENCE DELMAR THOMAS, B. S., A. M.
Instructor in Physics.

FRANK EDWARD DENNIE, B. S., C. E.
Acting Assistant Professor of Mathematics.



*The trained hands that will
play a part in shaping the
Course of Engineering in the
future — the hands of our
SENIORS.*

SENIORS

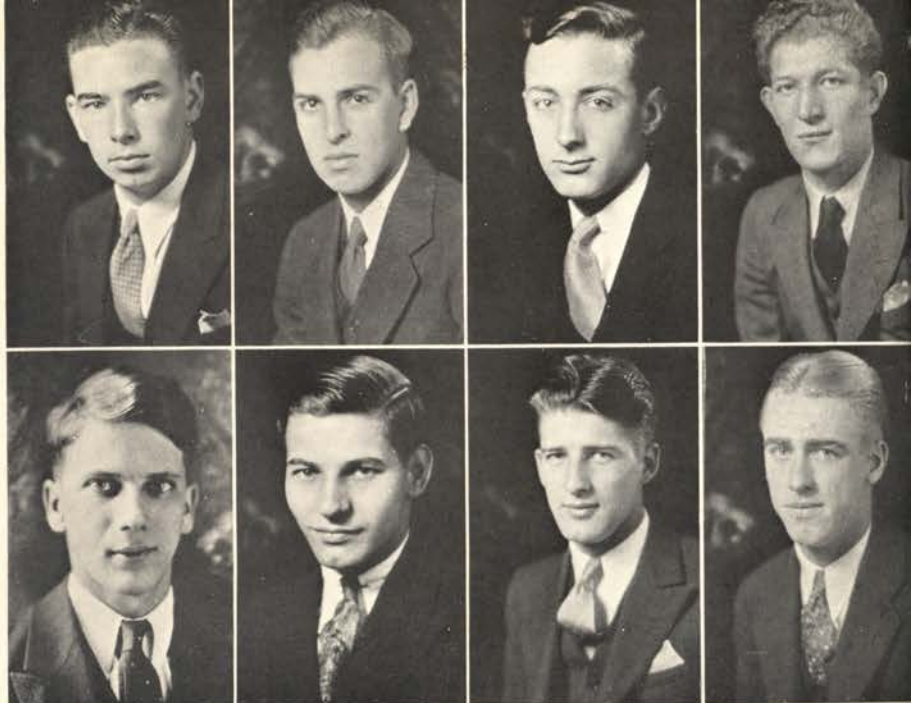
THE 1934

Top Row

ABSHER, ATKINSON, BECK, BERMI.

Bottom Row

BOYD, BRASAEMLE, BRUENING,
BUCK.



Harold R. Absher - - - - - Okawville, Ill.

CIVIL ENGINEERING

Lambda Chi Alpha; A. S. C. E.; Blue Key.

Harry B. Atkinson - - - - - New Canton, Ill.

CIVIL ENGINEERING

Triangle; A. S. C. E.; Officers' Club.

Richard H. Beck - - - - - Miami, Okla.

MINING ENGINEERING

Kappa Sigma; Theta Tau; Rollamo Board;
Miner Board; A. I. M. M. E.; Rifle Team, '34.

Samuel A. Bermi - - - - - St. Louis, Mo.

MINING ENGINEERING

Independent; M. M. M. A.; Band, '32, '33, '34.

Harold E. Boyd - - - - - Flat River, Mo.

CHEMICAL ENGINEERING

Independent; Phi Kappa Phi; Tau Beta Pi; Epsilon Pi Omicron.

Irvin R. Brasaemle - - - - - Barberton, Ohio

CIVIL ENGINEERING

Lambda Chi Alpha; A. S. C. E.

Walter H. Bruening - - - - - Jackson, Mo.

MECHANICAL ENGINEERING

Sigma Nu; Tau Beta Pi; Band, '33, '34; Glee Club, '33; A. S.
M. E. Pres., '34.

Robert H. Buck - - - - - St. Louis, Mo.

MECHANICAL ENGINEERING

Sigma Nu; Tau Beta Pi; Miner Board; Mgr. Athletic Assn., '34.

CLASS OF



ROLLAMO

Top Row

BURNHAM, BURY, CAMPBELL,
COLE.

Bottom Row

CUNNINGHAM, CZYZEWSKI,
DARLING, DECKER.

Jed G. Burnham - - - - - Paris, Ill.
CHEMICAL ENGINEERING
Lambda Chi Alpha; Tennis; Ira Rensem Society.

Charles L. Bury - - - - - Kansas City, Mo.
CIVIL ENGINEERING
Independent; Phi Kappa Phi; Tau Beta Pi; Glee Club.

William J. Campbell - - - - - Jefferson City, Mo.
CIVIL ENGINEERING
Independent; A. S. C. E.

Ralph C. Cole - - - - - El Paso, Texas
MECHANICAL ENGINEERING
Triangle; Miner Board.

Robert L. Cunningham - - - - - St. Louis, Mo.
CHEMICAL ENGINEERING
Independent; Epsilon Pi Omicron; Band.

John B. Czyzewski - - - - - Englishtown, N. J.
ELECTRICAL ENGINEERING
Independent; Tau Beta Pi; A. I. E. E.; Rifle Team; Officers' Club.

James W. Darling - - - - - Kansas City, Mo.
CIVIL ENGINEERING
Independent; A. S. C. E.; Pres. '34 Officers' Club.

Harry W. Decker - - - - - St. Louis, Mo.
MECHANICAL ENGINEERING
Independent; Senior Council; A. S. M. E.; Officers' Club;
Rollamo; Miner Board of Control.

1 9 3 4

THE 1934

Top Row

DOBSON, DONAHUE, DUNCAN,
EDGAR.

Bottom Row

FLETCHER, FORD, FORT,
GALLOWAY.



Richard J. Dobson - - - - - Platteville, Wis.
MINING ENGINEERING
Sigma Nu; A. I. M. M. E.

Thomas S. Donahue - - - - - Rolla, Mo.
CHEMICAL ENGINEERING
Independent; Epsilon Pi Omicron.

Oscar M. Duncan - - - - - St. Louis, Mo.
CHEMICAL ENGINEERING
Independent; Senior Council; Epsilon Pi Omicron.

Max E. Edgar - - - - - Rolla, Mo.
CIVIL ENGINEERING
Independent; A. S. C. E.

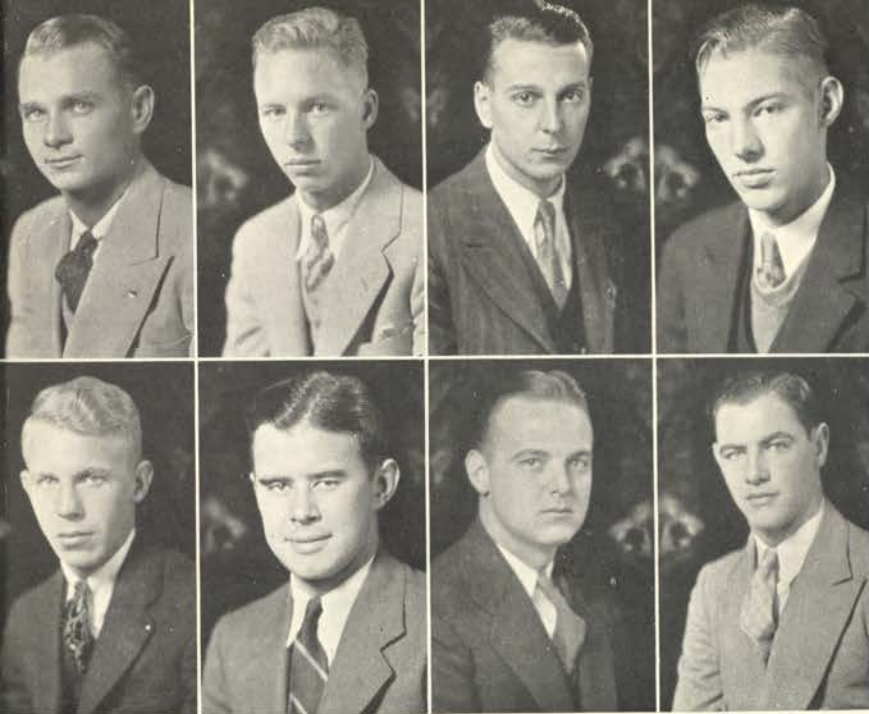
William B. Fletcher - - - - - Irontown, Mo.
MECHANICAL ENGINEERING
Independent; Senior Council; A. S. M. E.

Homer T. Ford - - - - - Springfield, Mo.
ELECTRICAL ENGINEERING
Lambda Chi Alpha; A. I. E. E.

Ellsworth W. Fort - - - - - Rolla, Mo.
MINING ENGINEERING
Lambda Chi Alpha; Officers' Club; M. M. M. A.; Tau Beta Pi.

James H. Galloway, Jr. - - - - - Decatur, Ill.
MECHANICAL ENGINEERING
Kappa Sigma; A. I. E. E.; A. S. M. E.; Interfraternity Council.

CLASS OF



Top Row

GRAHAM, HALE, HEIM, HOFFMAN.

Bottom Row

HUDSON, HUFFMAN, HURD, JACKSON.

Thomas R. Graham - - - - - Pittsburg, Kan.
METALLURGY
Independent; Tau Beta Pi; A. I. M. M. E.

David P. Hale, Jr. - - - - - Palo Alto, Calif.
METALLURGY
Pi Kappa Alpha; Rollamo Board; Miner Board; Officers' Club;
Major R. O. T. C.; Pres. '31; St. Pat's Board; Interfraternity
Council; Blue Key; A. I. M. M. E.

Edwin A. Heim - - - - - Erie, Pa.
MECHANICAL ENGINEERING
Sigma Pi; A. S. M. E.

Herbert A. Hoffman - - - - - Rolla, Mo.
METALLURGY
Independent; Senior Council; A. I. M. M. E.

Richard G. Hudson - - - - - Maneaqua, Ill.
GENERAL SCIENCE
Independent; A. S. C. E.

Edward A. Huffman - - - - - St. Louis, Mo.
CIVIL ENGINEERING
Sigma Pi; Quo Vadis; A. S. C. E.

Fred W. Hurd - - - - - Hannibal, Mo.
CIVIL ENGINEERING
Independent; Tau Beta Pi; Phi Kappa Phi; A. S. C. E.

Leroy H. Jackson - - - - - Springfield, Mo.
CIVIL ENGINEERING
Independent; Phi Kappa Phi; A. S. C. E.

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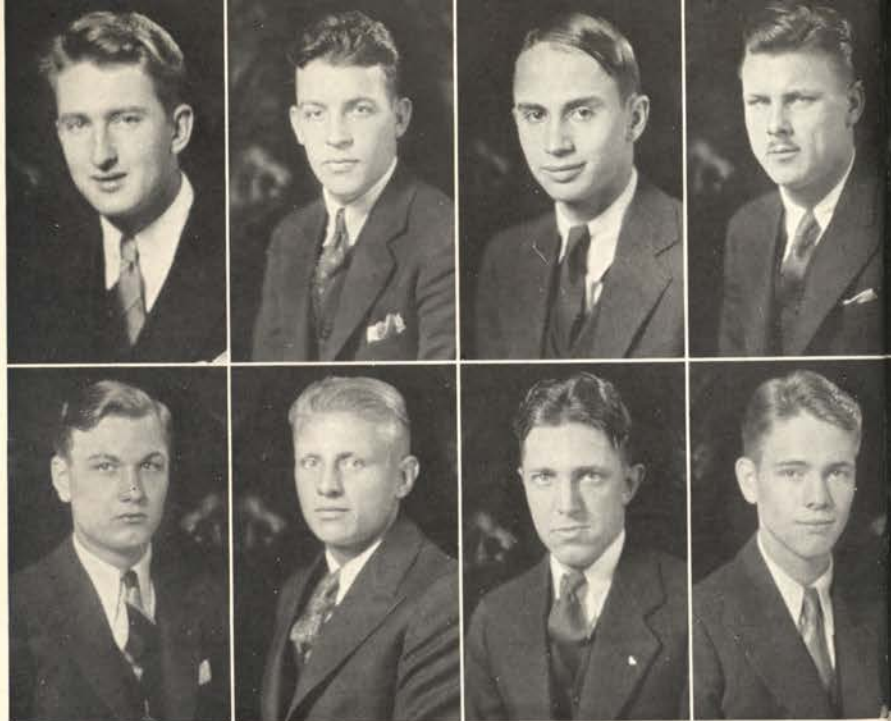
THE 1934

Top Row

JOSLIN, KISTER, KEW, KLEE.

Bottom Row

KLINGLER, KOZENY, KRATTLER,
KRUSE.



Le Compte Joslin - - - - - Rolla, Mo.
MECHANICAL ENGINEERING

Lambda Chi Alpha; A. S. M. E.; Basketball, '32, '33, Capt., '34.

Frank H. Kister - - - - - St. Charles, Mo.

CIVIL ENGINEERING

Mercier; A. S. C. E.

Charles E. Kew - - - - - Kansas City, Mo.

ELECTRICAL ENGINEERING

Pi Kappa Alpha; Glee Club; Miner Board; Rollamo Board;
Officers' Club; A. I. E. E.

Fred W. Klee - - - - - Kansas City, Mo.

CIVIL ENGINEERING

Lambda Chi Alpha; Quo Vadis; A. S. C. E.

Michael J. Klingler - - - - - St. Louis, Mo.

MECHANICAL ENGINEERING

Kappa Alpha; Blue Key; A. S. M. E.

E. C. Kozeny - - - - - St. Louis, Mo.

ELECTRICAL ENGINEERING

Independent; Tau Beta Pi; Phi Kappa Phi; Theta Tau; Senior
Council; A. I. E. E.; Pres., '34; V.-Pres. Senior Class, '34.

Gilbert L. Krattler - - - - - New Bloomfield, Mo.

CIVIL ENGINEERING

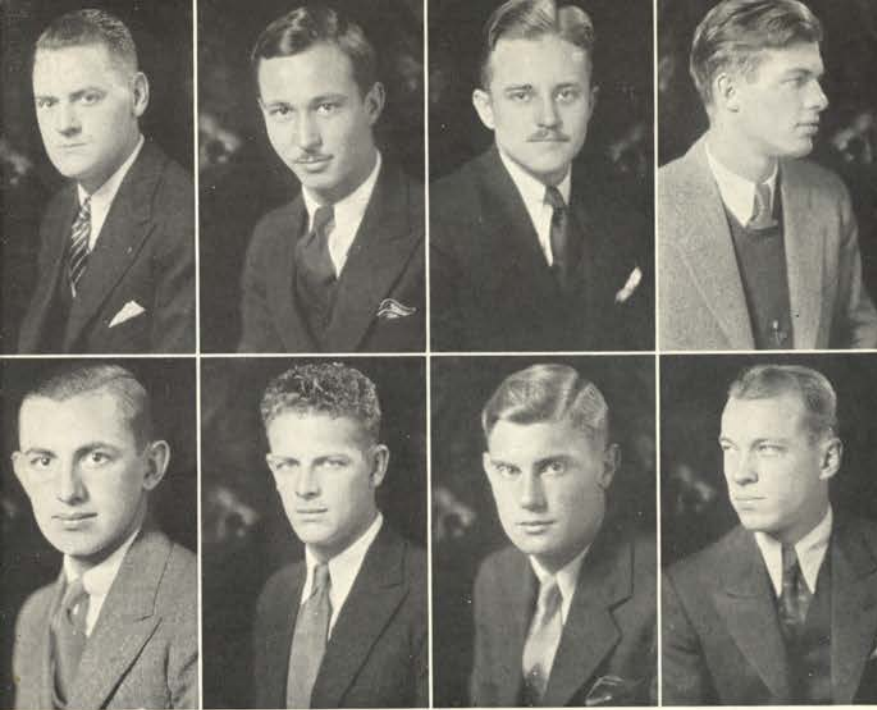
Independent; Tau Beta Pi; Phi Kappa Phi; A. S. C. E.

C. W. Kruse - - - - - Cape Girardeau, Mo.

CIVIL ENGINEERING

Triangle; Players; A. S. C. E.; Track, '33.

CLASS OF



Top Row

LA FOLLETTE, LARWOOD, MAISE,
MEACHAM.

Bottom Row

MACCONNELL, McDONALD,
McREYNOLDS, MONTGOMERY.

Thomas G. La Follette - - Fort Madison, Iowa
MINING ENGINEERING
Kappa Sigma; Tau Beta Pi, Pres., '33; Theta Tau; Blue Key;
A. I. M. M. E.

Mason B. Larwood - - - - - Albion, N. Y.
CHEMICAL ENGINEERING
Independent; Epsilon Pi Omicron; Ira Remsen.

Clemens R. Maise - - - - - St. Louis, Mo.
GENERAL SCIENCE
Independent; Epsilon Pi Omicron.

James C. Meacham - - - - - Barberton, Ohio
MINING GEOLOGY
Lambda Chi Alpha; A. I. M. M. E.; Track, '33.

Frederic A. MacConnell - - - - - St. Louis, Mo.
MECHANICAL ENGINEERING
Sigma Pi; Quo Vadis; A. S. M. E.

Phillip C. McDonald - - - - - Macon, Mo.
CHEMICAL ENGINEERING
Pi Kappa Alpha; Ira Remsen; Epsilon Pi Omicron; Football,
'32, '33, '34.

Elmer L. McReynolds - - - - - Sikeston, Mo.
METALLURGY
Pi Kappa Alpha; Tau Beta Pi; Phi Kappa Phi; Theta Tau;
A. I. M. M. E., Pres., '34; Miner Board; Rollamo Board; Blue
Key.

Robert G. Montgomery - - Bartlesville, Okla.
GEOLOGY
Kappa Sigma; Miner Board; Glee Club.

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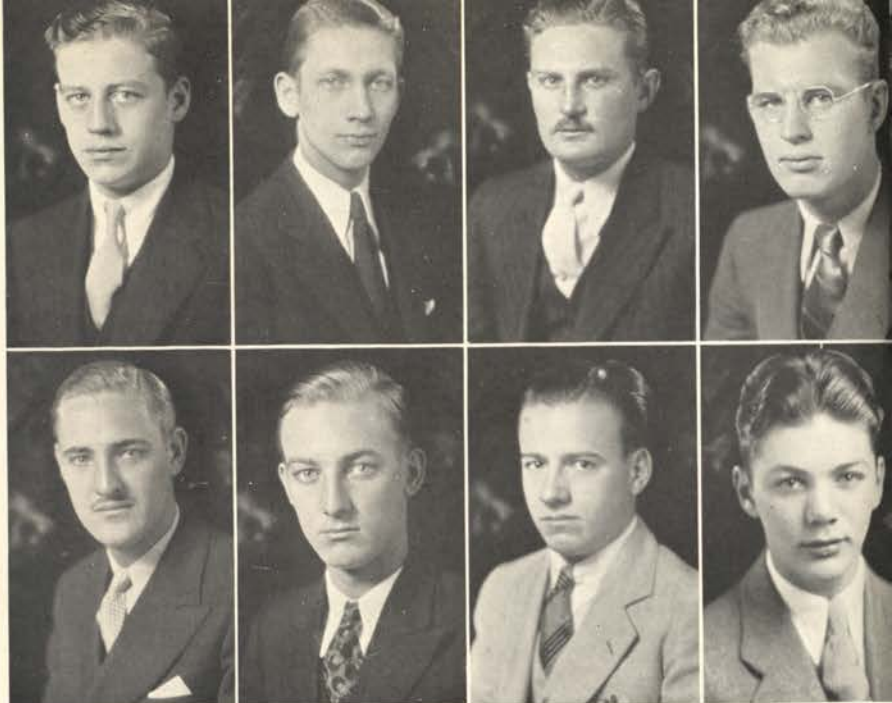
THE 1934

Top Row

MURPHY, MURRY, NURENBERGER,
OSWALD.

Bottom Row

PFEIFFER, POESE, POTTER, POWER.



Charles J. Murphy - - - - - St. Louis, Mo.
CIVIL ENGINEERING
Mercier; A. S. C. E.

Millard H. Murray - - - - - Rolla, Mo.
METALLURGY
Lambda Chi Alpha; Theta Tau; Blue Key; Athletic Association,
Pres., '34; Interfraternity Council, Pres., '34; St. Pat's Board;
St. Pat, '33; A. I. M. M. E.

Otto L. Nurenberger - - - - - New Athens, Ill.
MECHANICAL ENGINEERING
Independent; A. S. M. E.

Albert W. R. Oswald - - - - - St. Louis, Mo.
CIVIL ENGINEERING
Sigma Nu; Football, '31, '32; Miner Board Business Manager,
'34; St. Pat's Board; A. S. C. E.; Pres. Class, '33 and '34.

Frederick R. Pfeiffer - - - - - Hartley, Iowa
MINING ENGINEERING
Triangle; A. I. M. M. E.; Track, '32.

Loster E. Poese - - - - - St. Charles, Mo.
CHEMICAL ENGINEERING
Independent; Ira Rensem, Pres., '34; Epsilon Pi Omicron; Senior
Council; Quo Vadis; Track, '31.

Charles W. Potter - - - - - Galena, Ill.
MINING ENGINEERING
Independent; I. A. M. M. E.

William R. Power - - - - - Kirkwood, Mo.
CHEMICAL ENGINEERING
Lambda Chi Alpha; Blue Key, Pres., '34; Ira Rensem; Golf
Team, '31, '32 and '33.

CLASS OF



Top Row

REESE, SANDOE, SCHAMEL,
SCHEINVOIGHT.

Bottom Row

SCHMIDT, SEGALL, SIEVERS,
SMELSER.

Thomas H. Reese, Jr. - - - East St. Louis, Ill.
CIVIL ENGINEERING
Triangle; A. S. C. E.

Richard D. Sandoe - - - - - St. Louis, Mo.
MINING ENGINEERING
Independent; Senior Council; A. I. M. M. E.

Walter S. Schamel - - - - - South Bend, Ind.
MECHANICAL ENGINEERING
Triangle; Miner Board, Editor, '34; Glee Club; St. Pat's Board;
A. A. S. M. E.; Blue Key; Interfraternity Council.

Felix R. Scheinvoight - - Palisades Park, N. J.
MINING ENGINEERING
Independent; A. I. M. M. E.; Glee Club.

Norwin A. Schmidt - - - - - St. Louis, Mo.
MECHANICAL ENGINEERING
Independent; A. S. M. E.

Charles C. Segall - - - - - St. Louis, Mo.
MECHANICAL ENGINEERING
Independent; A. S. M. E.

Kenneth H. Sievers - - - - - St. Louis, Mo.
ELECTRICAL ENGINEERING
Independent; Theta Tau; Senior Council; A. I. E. E.; Sect.
Class, '34.

Paul E. Smelser - - - - - St. Charles, Mo.
CIVIL ENGINEERING
Independent; A. S. C. E.

1 9 3 4

THE 1934

Top Row

SPRINGER, STEWART, STOLLE,
STONE.

Bottom Row

SULLENTROP, SWIFT, TAYLOR,
THORPE.



William R. Springer - - - - - Kansas City, Mo.
METALLURGY

Kappa Sigma; Theta Tau; A. I. M. M. E.; Rifle Team.

Thomas J. Stewart - - - - - Flat River, Mo.
CHEMICAL ENGINEERING

Independent; Glee Club; M. S. M. Band; Ira Rensem; Quo
Vadis; Blue Key; Epsilon Pi Omicron.

Ernst B. Stolle - - - - - Evansville, Ill.
MECHANICAL ENGINEERING

Independent; A. S. M. E.

Robert L. Stone - - - - - Norwalk, Ohio
CERAMIC ENGINEERING

Independent; Orton Society, Pres.; Glee Club; Phi Kappa Phi;
Tau Beta Pi.

Leo J. Sullentrop - - - - - Washington, Mo.
CIVIL ENGINEERING

Mercier; Theta Tau; A. S. C. E.; St. Pat's Board, Pres., '34;
Blue Key.

Roy E. Swift - - - - - Rolla, Mo.
MINING ENGINEERING

Independent; A. I. M. M. E.

Richard E. Taylor - - - - - St. Louis, Mo.
MECHANICAL ENGINEERING

Pi Kappa Alpha; A. S. M. E.; M. S. M. Players; Rollamo Board,
Business Manager, '33; Editor, '34; Glee Club; Class Treas., '33.

C. J. Thorpe - - - - - Iantha, Mo.
MECHANICAL ENGINEERING

Independent; A. S. M. E.

CLASS OF



ROLLAMO

Top Row

TOBIN, TOWSE, TUTTLE, WALTHER.

Bottom Row

WEIGLE, WESTERFELD, SACKEWITZ,
ZELL.

James H. Tobin - - - - - Alton, Ill.

CHEMICAL ENGINEERING

Mercier; Epsilon Pi Omicron; Ira Rensem.

Arthur R. Towse, Jr. - - - - - Macon, Mo.

CIVIL ENGINEERING

Pi Kappa Alpha; Football '31 and '32; Track '32 and '33;
A. S. C. E.

Lauren P. Tuttle - - - - - Bloomfield, N. J.

CIVIL ENGINEERING

Sigma Pi; Football '27; Rollamo Board; Blue Key; A. S. C. E.;
Rifle Team; Band.

Arthur H. Walther - - - - - Elko, Nev.

CHEMICAL ENGINEERING

Kappa Sigma; Tau Beta Pi; Epsilon Pi Omicron; Ira Rensem.

Robert C. Weigle - - - - - St. Louis, Mo.

CERAMIC ENGINEERING

Pi Kappa Alpha; Swimming '32 and '33; Miner Board;
Officers' Club; Orten Society.

Wilfred W. Westerfeld - - - - - St. Charles, Mo.

CHEMICAL ENGINEERING

Independent; M. M. Band; Senior Council, President Tau Beta Pi;
Pi Kappa Phi; M. S. U. Players; Quo Vadis; Ira Rensem;
Theta Tau.

Robert A. Sackewitz - - - - - Kansas City, Mo.

CIVIL ENGINEERING

Independent; A. S. C. E.

John H. Zell - - - - - St. Louis, Mo.

CIVIL ENGINEERING

Pi Kappa Alpha; Football '33; A. S. C. E.; Treasurer Freshman
Class.

1 9 3 4

- Peter G. Cei - - - - Lexington, Mo.
MINING GEOLOGY
Independent; A. I. M. M. E.
- W. N. Coffman - - - - Newburg, Mo.
CERAMIST
Triangle; Orton Society.
- D. E. Fagan - - - - Doniphan, Mo.
CIVIL ENGINEERING
Independent; A. S. C. E.; Phi Kappa Phi.
- G. H. Gillis - - - - Rolla, Mo.
METALLURGY
Independent; M. M. & M. Assoc.
- Jack E. Gaston - - - - Pittsburg, Kansas
METALLURGY
Independent; Phi Kappa Phi; Tau Beta Pi;
Tennis Team, '33.
- George A. Hale - - - - Maplewood, Mo.
CHEMICAL ENGINEERING
Independent; Theta Tau; Vice-Pres., Senior
Council, '34; Rollamo Board of Control.
- William E. Hedges - - - - Rolla, Mo.
CIVIL ENGINEERING
Kappa Alpha; St. Pat's Board; Officers' Club;
Sec'y Class of '33; A. S. C. E.
- Hardin O. Henrickson - Poplar Bluff, Mo.
CIVIL ENGINEERING
Sigma Pi; Rollamo Board; St. Pat's Board;
Quo Vadis; A. S. C. E.
- Walter J. Irwin - - - - St. Marys, Mo.
ELECTRICAL ENGINEERING
Tau Beta Pi; Theta Tau; Senior Council; Blue
Key; Rollamo-Minor Board of Control; Officers'
Club; Pres. Class of '34; Track, '31, '32, '33;
A. I. E. E.
- Lawrence J. Marshall - - Platteville, Wis.
MINING ENGINEERING
Independent; A. I. M. M. E.
- James E. O'Bryant - - - - Republic, Mo.
ELECTRICAL ENGINEERING
Kappa Alpha; Band; A. I. E. E.
- John J. O'Hearn - - - - Kansas City, Mo.
CIVIL ENGINEERING
Independent; A. S. C. E.
- David J. Peery - - - - Linneus, Mo.
CIVIL ENGINEERING
Tau Beta Pi; Phi Kappa Phi; A. S. C. E.
- G. A. Sellers - - - - Kansas City, Mo.
CERAMIC ENGINEERING
Independent; Orton Society.
- Ralph A. Tieman - - - - St. Louis, Mo.
MECHANICAL ENGINEERING
Kappa Alpha; A. S. M. E.



*Hands whose training nears
completion — the hands of our
JUNIORS*

JUNIORS

THE 1934

First Row

AYLWARD, BADAME, BEARD, BOOK,
BREUER, BROWN

Second Row

GILSDORF, HAFFNER, HARMON,
HERROD, HOLT, HOLTMAN

Third Row

MASHEK, MARXER, MAYER,
McDILL, McDONALD, McKINNEY

Fourth Row

ROSENBLOOM, SETTLE, SLOSS,
SNYDER



OFFICERS

President	-	-	-	-	-	-	O. W. KAMPER
Vice-President	-	-	-	-	-	-	C. W. SNYDER
Secretary	-	-	-	-	-	-	M. M. FISCHER
Treasurer	-	-	-	-	-	-	G. T. NOLDE

ATKINSON, H. B.
New Canton, Ill.

AYLWARD, A. T.
St. Louis, Mo.

BALLARD, T. W.
Rolla, Mo.

BAY, L. A.
St. Clair, Mo.

BEARD, R. M.
Williamsburg, Ind.

BOLES, A. J.
Jefferson City, Mo.

BOOK, W. T.
Dexter, Mo.

BORGSTEDE, G. J.
St. Louis, Mo.

BREUER, M. H.
Rolla, Mo.

BREWER, DONALD
St. Louis, Mo.

BRISCH, H. A.
Rolla, Mo.

BROWN, J. G.
Albion, N. Y.

CODDINGTON, W. H.
Springfield, Mo.

COLMAN, H. B.
Cooperstown, N. Y.

COOKE, W. F., JR.
Kansas City, Mo.

DALLMEYER, H. D.
St. Charles, Mo.

CLASS OF



ROLLAMO

First Row

CODDINGTON, COOKE, DE ROY,
DALLMEYER, DUTTON, FRANK

Second Row

HOWE, HOWERTON, KAMPER,
HOYT, LANGE, MACKE

Third Row

MORTLAND, MURPHY, NEEL,
NOLDE, PEARSON, PENZEL

Fourth Row

SPRINGER, SZCZUKA, TURKEN

DANFORTH, W. B.
Youngstown, Ohio

DEROY, G. L.
St. Charles, Mo.

DETZLER, G. K.
South Bend, Ind.

DUDLEY, E. L.
St. Louis, Mo.

DUTTON, D. W.
St. Louis, Mo.

FISCHER, M. M.
Sedalia, Mo.

FLETCHER, G. H.
St. Louis, Mo.

FRANK, A. T.
St. Girard, Ill.

GELDMACHER, OTTO
St. Louis, Mo.

GILSDORF, N. J.
St. Louis, Mo.

GRAFF, W. G.
St. Louis, Mo.

GREEN, L. H.
St. Louis, Mo.

GROBER, M. H.
University City, Mo.

GROFF, E. E.
Iberia, Mo.

HAFFNER, H. J.
St. Louis, Mo.

HAINES, F. N.
Rivermines, Mo.

HARMON, H. L.
Granite City, Ill.

HARROD, J. E.
Morris, Ill.

HOFFMAN, E. D.
Rolla, Mo.

HOFFMAN, R. H.
Hannibal, Mo.

HOLT, F. H.
Springfield, Mo.

HOLTMAN, L. W.
Perryville, Mo.

HOWE, W. A.
University City, Mo.

HOWERTON, D. R.
Rolla, Mo.

1935

HOYT, H. K. <i>Hannibal, Mo.</i>	NEEL, W. O. <i>Macon, Mo.</i>
ISHIGURO, HACHIRO <i>Kalaheo, Hawaii</i>	NICKEL, E. J. <i>St. Louis, Mo.</i>
JOHNSON, R. W. <i>Paris, Ill.</i>	NOLDE, G. T. <i>St. Louis, Mo.</i>
KAMPER, O. W. <i>St. Louis, Mo.</i>	PENZEL, G. A. <i>Jackson, Mo.</i>
KIRCHHOFF, ELMER <i>East St. Louis, Ill.</i>	PETERS, W. A. <i>Alton, Ill.</i>
KNOLL, R. J. <i>St. Louis, Mo.</i>	PFEIFER, H. J. <i>St. Louis, Mo.</i>
KOHLER, H. J. <i>St. Louis, Mo.</i>	ROSENBLOOM, J. A. <i>St. Louis, Mo.</i>
KOMM, HARRY <i>St. Louis, Mo.</i>	SCHWAB, F. A. <i>Joplin, Mo.</i>
KOOPMANN, A. P. <i>St. Louis, Mo.</i>	SETTLE, J. C. <i>St. Louis, Mo.</i>
KUBE, F. J. <i>Gillespie, Ill.</i>	SLOSS, J. P. <i>St. Louis, Mo.</i>
LANGE, H. F. <i>East St. Louis, Ill.</i>	SNYDER, C. W. <i>Sedalia, Mo.</i>
McDILL, W. H. <i>St. Louis, Mo.</i>	SOLOMON, R. C. <i>Webster Groves, Mo.</i>
McDONALD, C. H. <i>Roodhouse, Ill.</i>	SPOTTI, ELMER <i>Stanton, Ill.</i>
McKINNEY, H. M. <i>Grandin, Mo.</i>	SPRINGER, R. M. <i>East St. Louis, Ill.</i>
MACKE, R. A. <i>Cape Girardeau, Mo.</i>	SZCZUKA, A. J. <i>St. Louis, Mo.</i>
MARXER, C. S. <i>Belleville, Ill.</i>	TEUFERT, E. A. <i>Stanton, Ill.</i>
MASHEK, J. W. <i>St. Louis, Mo.</i>	THOELE, W. N. <i>St. Louis, Mo.</i>
MASSARO, T. V. <i>Springfield, Ill.</i>	THOMPSON, H. G. <i>Cape Girardeau, Mo.</i>
MAYER, J. A. <i>Webster Groves, Mo.</i>	THORPE, C. J. <i>Iantha, Mo.</i>
MENKE, B. A. <i>Webster Groves, Mo.</i>	TURKEN, M. W. <i>University City, Mo.</i>
MEYER, L. W. <i>St. Louis, Mo.</i>	TWYMAN, W. G. <i>Dayton, Ohio</i>
MORGAN, V. D. <i>East St. Louis, Ill.</i>	WALKER, W. E. <i>Cape Girardeau, Mo.</i>
MORTLAND, H. G. <i>Kirkwood, Mo.</i>	WALTENSPIEL, A. B. <i>Rolla, Mo.</i>
MURPHY, C. J. <i>St. Louis, Mo.</i>	WEISSMAN, DAN <i>St. Louis, Mo.</i>
MURPHY, J. J. <i>St. Louis, Mo.</i>	WENDER, MAX <i>St. Louis, Mo.</i>
	WORSECK, A. L. <i>St. Louis, Mo.</i>



*Hands that are being trained in
the manipulation of apparatus,
an art that will be invaluable in
future life — the hands of our
SOPHOMORES.*

SOPHOMORES

THE 1934 ROLLAMO

OFFICERS

President - - -	DONALD GRIMM
Vice-President - -	D. F. McCARRON
Secretary - - -	J. W. WRIGHT
Treasurer - - -	J. R. CLANTON

ARNOLD, F. W. - - -	St. Louis, Mo.
BARBER, R. L. - -	Kansas City, Mo.
BARROW, C. W. - -	St. Louis, Mo.
BIRD, J. E. - - -	Bradford, Penn.
BRIGHT, W. E. - - -	St. Louis, Mo.
CHAPMAN, R. T. - - -	Rolla, Mo.
CLANTON, J. R. - - -	Corning, Mo.
CLARKE, D. U. - - -	Rolla, Mo.
COLLINS, C. G. - -	Lockwood, Mo.
COMPTON, H. E. - -	St. Louis, Mo.
DAILY, A. E. - - -	St. Louis, Mo.
DENNIS, W. E. - -	Valley Park, Mo.
DONNELLY, W. - -	Kansas City, Mo.
EASON, J. W. - - -	St. Louis, Mo.
EASON, R. D. - - -	St. Louis, Mo.
EGGLESTON, D. A. -	Kansas City, Mo.
FAGER, O. H. - - -	St. Louis, Mo.
FISHER, R. L. - - -	St. Louis, Mo.
FISS, E. C. - - -	Rolla, Mo.
FOLSOM, W. G. - -	Washington, Mo.
GALLAHER, J. A. - -	California, Mo.
GERLACH, J. H. - - -	St. Louis, Mo.
GORDON, J. P. - -	Maplewood, Mo.

CLASS OF



SOPHOMORE CLASS

GRASSMUCK, E. A. - - Ferguson, Mo.
 GREEN, M. E. - - - Calhoun, Mo.
 GRIMM, DONALD - - Ferguson, Mo.
 HALL, J. H. - - - Newark, N. J.
 HANSON, K. O. - - - St. Louis, Mo.
 HERMANN, A. K. P. - - St. Louis, Mo.
 HILLMEYER, F. L. - Webster Groves, Mo.
 HOENER, A. J. - Webster Groves, Mo.
 HOUSEKNECHT, P. D. - Batavia, N. Y.
 HUBBARD, J. R. - - - Rolla, Mo.
 JONES, W. T. - - - St. Louis, Mo.
 McCARRON, D. F. - - St. Louis, Mo.
 McCAW, JACK - - - Rolla, Mo.
 MATHES, M. F. - - - Overland, Mo.
 MATTEI, P. F. - - - St. Louis, Mo.
 MENEFEE, J. H. - - Jefferson City, Mo.
 MOONEY, W. C. - - - St. Louis, Mo.
 MURRAY, R. P. - - Kansas City, Mo.
 NATIONS, G. O. - Jefferson City, Mo.
 NIXON, E. W. - - - Woodridge, Mo.
 PATTEN, T. M. - - - Chicago, Ill.
 PEEBLES, B. E. - - - Dayton, Ohio
 PLUMMER, NEIL - - Canon City, Colo.
 POELLE, THEO. - - - Freedom, Mo.
 PRANGE, R. L. - - - St. Louis, Mo.

RASOR, J. P. - - - Carlsbad, N. M.
 REED, E. H. - - - St. Louis, Mo.
 RODMAN, W. K. - - Kirkwood, Mo.
 ROES, T. A. - - - St. Louis, Mo.
 ROY, E. A. - - - Rolla, Mo.
 RUWWE, J. W. - - - St. Louis, Mo.
 SCHNEIDER, R. E. - - St. Louis, Mo.
 SCHWALBERT, W. H. - - Clayton, Mo.
 SHAMBAUGH, S. R. - - Danville, Ill.
 SHEPPARD, J. J. - - - St. Louis, Mo.
 SIMMONS, R. W. - - Batavia, N. Y.
 SMART, M. K. - - - Springfield, Mo.
 SPAHR, M. R. - - Webster Groves, Mo.
 SPITZER, E. J. - - - St. Louis, Mo.
 STRIKER, R. H. - - - St. Louis, Mo.
 STUTZKE, J. F. B. - - St. Louis, Mo.
 SULLIVAN, W. L., JR. - - Ferguson, Mo.
 TETLEY, C. L. - - - Sikeston, Mo.
 TURK, J. C. - - - Springfield, Mo.
 TYRRELL, M. E. - - - Wayne, Neb.
 VINCENT, J. A. - - - Belleville, Ill.
 WHEELER, W. H. - - - Beulah, Mo.
 WOERHEIDE, A. E. - - St. Louis, Mo.
 WOMMACK, T. W. - - - Rolla, Mo.
 WRIGHT, J. W. - - - Kirkwood, Mo.

1 9 3 6

*I stood one day by the breezy bay
Awatching the ships go by,
When a tired tar said, with a shake of his head,
"I wish I could tell a lie."*

*I've seen some sights as would jigger your lights,
And they've jiggered me own,
But I ain't wuth a darn at spinning a yarn
What wanders away from the truth.*

*We were out in the gig, the rigagajig,
Jest a mile and a half to sea,
When Captain Snook, with a troubled look
He came and he says to me,*

*"O, Bos'n Smith, make haste forthwith
And hemstitch the fo'ard jib sail,
Accordeon pleat the dory sheet
For there's going to be a gale."*

*I straightway did as the captain bid,
No sooner the job was through,
When the north wind, whoof, bounced over the roof,
And murdering lights, she blew.*

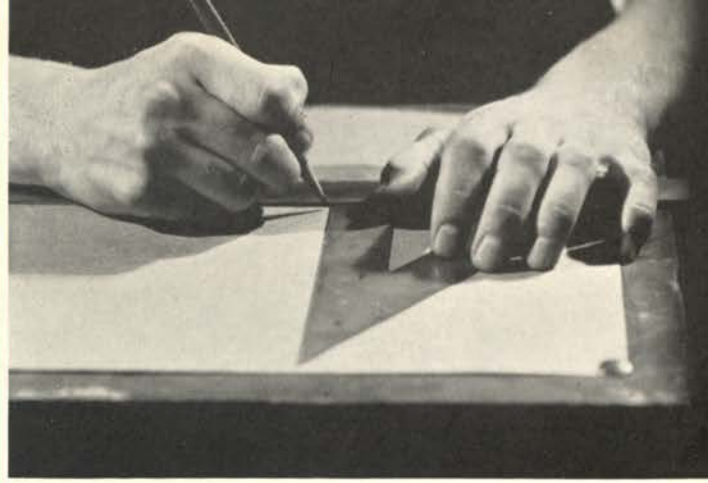
*She blew the tars right off the spars,
And the spars right off the masts,
Sails and pails and anchors and nails,
Flew by on the wings of the blast.*

*The galley shook as she blew the cook
Straight out of the port-hole glim
While pots and pans, kettles and cans,
Went clattering after him.*

*She blew the fire from our galley stove,
And the coal from our galley bin,
She whistled apace past the captain's face,
And blew the whiskers right off his chin.*

(Continued to page 48)

A NAUTICAL EXTRAVAGANCE



*Unskilled h a n d s, struggling
with the fundamentals of learn-
ing—the hands of our FRESH-
MEN.*

FRESHMEN



THE FRESHMAN

ANDERSON, RUPERT	-	Jerseyville, Ill.
APPLEYARD, F. C.	-	Glenview, Ill.
BARRY, J. R.	-	Springfield, Mo.
BAXTER, T. L.	-	Pinckneyville, Ill.
BERGER, H. C.	-	Calumet, Ill.
BREUER, W. F.	-	Rolla, Mo.
BUSCH, WILLIAM	-	St. Louis, Mo.
CARDETTI, R. J.	-	Rosati, Mo.
CULBERTSON, W. W.	-	Rolla, Mo.
DEADERICK, J. B.	-	Houston, Texas
DODS, S.	-	Kansas City, Mo.
FAIRCHILD, R. J.	-	Lakewood, Ohio
FINLEY, T. J.	-	St. Louis, Mo.
FRAME, J. W.	-	Rolla, Mo.
GARDNER, R. H.	-	Waterloo, Ill.
GLEASON, LEWIS	-	Rolla, Mo.
GOULD, E. P.	-	Marion, Ind.
GREWIS, O. E.	-	St. Louis, Mo.
GRIMM, R. D.	-	Rolla, Mo.
HARR, FRANK	-	Butler, Mo.

HARRIS, H. E.	-	Rolla, Mo.
HARWELL, G. A.	-	Poplar Bluff, Mo.
HAWKINS, A. T.	-	Valley Park, Mo.
HIGHAM, G. B.	-	St. Louis, Mo.
HOLMAN, O. K.	-	Jefferson City, Mo.
HOLTMAN, J. B.	-	Mexico, Mo.
HOLZ, W. L.	-	Maplewood, Mo.
JARRETT, W. R.	-	St. Louis, Mo.
JOHNSON, R. A.	-	Carthage, Mo.
KALEY, R. R.	-	Scranton, Pa.
KENYON, R. R.	-	Rolla, Mo.
KOPP, W. A.	-	St. Louis, Mo.
LANGE, R. C.	-	Mexico, Mo.
LOVE, R. W.	-	Rolla, Mo.
LUDER, W. E.	-	St. Louis, Mo.
McCRACKEN, O. E.	-	Overland, Mo.
McCUTCHEN, J. H.	-	Campbell, Mo.
NEALY, B. L.	-	Webb City, Mo.
NICHOLSON, W. L.	-	Kansas City, Mo.
OTTINGER, N. H.	-	Kansas City, Mo.

CLASS OF

THE 1934 ROLLAMO

OFFICERS

Freshman Class

President - - - R. R. KALEY
Vice-President - - G. W. SCHAUMBURG
Secretary - - - W. L. HOLZ
Treasurer - - - R. H. GARDNER

CLASS

PORTER, E. V. - - - Campbell, Mo.
POWELL, F. B. - - - Rolla, Mo.
RANKIN, J. C. - - - Springfield, Mo.
ROTHAUG, E. H. - - Godfrey, Ill.
SCHAUMAN, W. S. - - St. Louis, Mo.
SCHAUMBURG, G. W. - St. Louis, Mo.
SCHEER, J. C. - - - St. Louis, Mo.
SCHMIDT, R. C. - - - St. Louis, Mo.
SHORES, A. K. - - - Overland, Mo.
SILVER, P. E. - - - St. Louis, Mo.
STATEN, G. H. - - - Alton, Ill.
STOGSDILL, H. G. - - Vidā, Mo.
STRATHKOETTER, R. E. Rolla, Mo.
SUHRE, A. W. - - - St. Louis, Mo.
TAYLOR, H. Z. - - - St. Louis, Mo.
VAHLE, J. F. - - - St. Louis, Mo.
VOGT, K. W. F. - - - Rolla, Mo.
WEAVER, J. B. - - - Kansas City, Mo.
WILHITE, K. T. - - - Clayton, Mo.
WILKEY, R. W. - - - Risco, Mo.
WILKINSON, R. L. - - Jerseyville, Ill.

1 9 3 7

(Continued from page 44)

"Oh, wizzle me dead," the captain said,
And the words blew out of his mouth,
"We're lost if the wind don't veer
And blow a while from the south."

And "wizzle me dead," no sooner he'd said,
Them words that blew from his mouth,
Than the wind switched 'round with a hurricane sound
And blew straight in from the south.

We opened our eyes with a wild surprise,
And never a word to say
In changin' her tack the wind blew back
The things that she'd blew away.

She blew the tars back on the spars
And the spars back on the mast,
Back flew the sails, the pails and the nails,
Which into the ship stuck fast.

And before we could look she blew the cook
Straight into the galley coop,
Back dropped the pans, kettles, and cans
Without even spillin' the soup.

She blew the fire back into the stove,
Where it burnt in its proper place,
And all of us cheered as it blew the beard
Back on the captain's face.

There's more of me tale, said the sailor,
As would jigger your lights in sooth,
But I ain't wuth a darn at spinn' a yarn
What wanders away from the truth.

A NAUTICAL EXTRAVAGANCE

CHAPTER • • •
TWO • • •
ATHLETICS

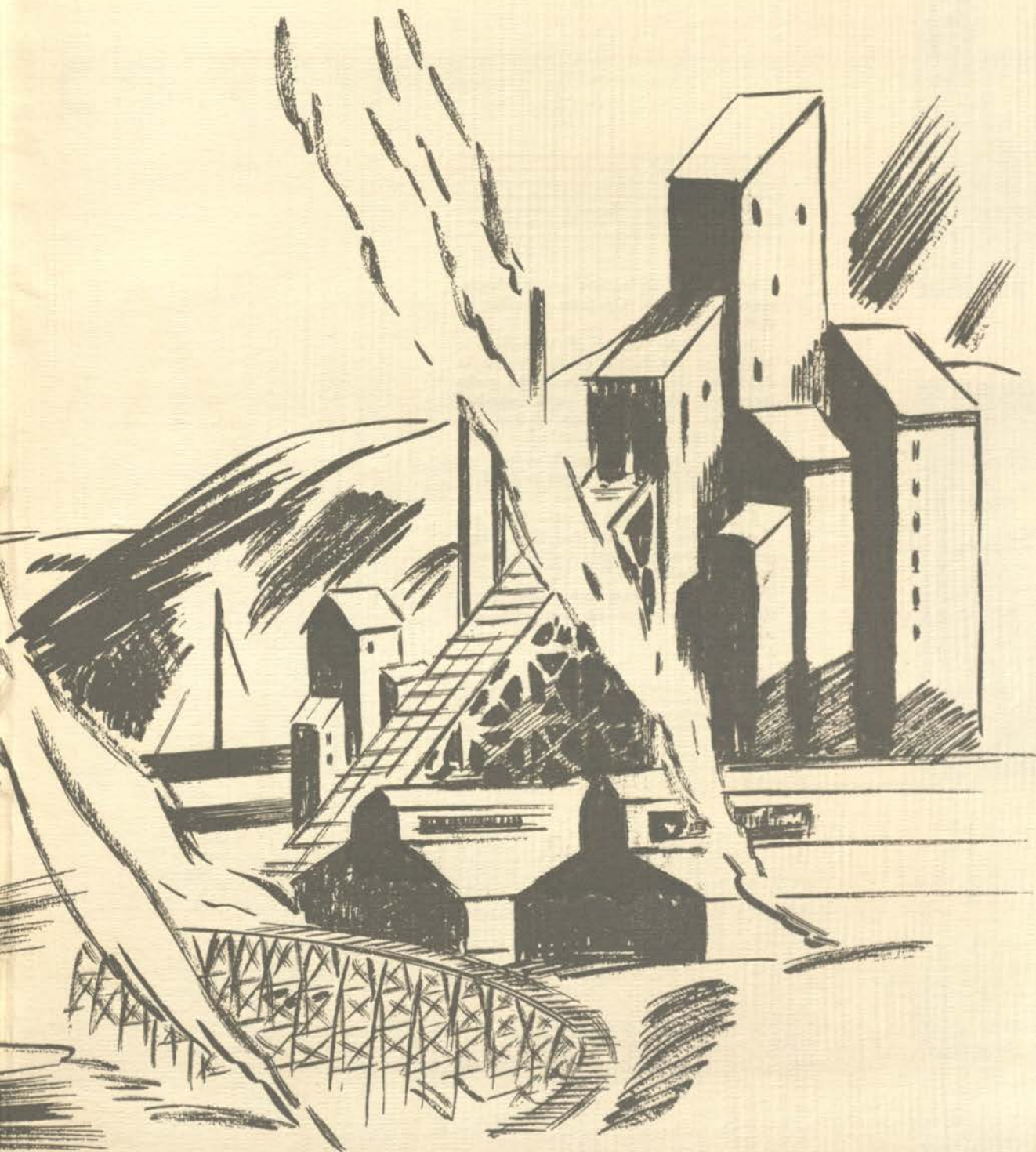
Athletics—a sweeping end run, a basket in the final minutes of play, a hundred in ten flat, are the nucleus of college life.

Athletics—are the outlet of the energies of youth, who strive in competition not only to develop their bodies, but quick thinking, decision, courage, and fair play.

Thus we present our



A T H L



ETICS

Mining and agriculture are the fundamental industries. On them all other industry depends.

Between the battle of Waterloo in 1814, and the battle of the Marne in 1914, the white population of the globe increased about three and one-half times, on the consumption of iron and steel increased about seventy-five times.

A man can eat so much cereal, yet his demand for metals seems to feed on itself.

Low wages—High cost—Pick and shovel—have given way to—High wages—Low cost—and highly technical large scale production.

M. S. M. miners have contributed their part to these developments—and will continue.

COACHING

COACHING STAFF

Harold Grant, Head Coach and Director of Athletics
Junior Brown, Assistant Coach

For the sixth year Coaches Grant and Brown have again turned out Miner teams that the student body and alumni might well be proud to call their own. In spite of consistent hard luck this season the football team played the usual fighting games throughout.

Coaches Grant and Brown came to us from Emporia, Kansas, where both were stellar athletes in their college days. Coach Grant played under Gwynn Henry, now coach of the St. Louis Gunners, while in college and later assumed the coaching role when Henry went to Missouri University as Head Coach. Brown learned his football under Coach Grant and came here at the same time. In view of their varied experience in athletics both men are admirably adapted to the job.

In addition to handling football, Coach Grant also coaches both basketball and track and is equally able in both sports. Coach Brown handles the Intra-Mural athletics and the freshmen classes in physical education.

Both of these men are immensely popular with the student body and we hope to see them at the helm of the Silver and Gold teams for many more seasons to come.



HAROLD GRANT
Director of Athletics and Head Coach



JUNIOR BROWN
Assistant Coach

*Here's to the girl who's strictly in it,
Who doesn't lose her head for a minute,
Plays well the game and knows the limit,
And still gets all the fun there is in it.*

* * *

*Here's to the ladies, God bless 'em,
And here's to their eyes the only fire
That has no insurance.*

* * *

*Here's to a temperate supper,
With water in glasses tall,
And coffee and tea to end with—
And me not there at all.*



T O A S T S



*The King of Sports, where
hands skilled in passing the ball
with unerring accuracy are re-
quired—the hands of FOOT-
BALL.*

FOOTBALL



Top Row: GRANT DENNIS, DUDLEY, AYLWARD, HOLMAN, PENZEL, VAHLE, APPLEBYARD, GARDNER, SUHRE, SPOTTI, BROWN
 Second Row: DOBSON, FENWICK, MCGREGOR, MATTEI, HUBBARD, WOMMACK, MASSERO, SCHWAB, MOORE, McDONALD, TETLEY
 Bottom Row: NICKLE, THOELE, NEEL, TOWSE, KIRCHOFF, PLUMMER, EGGELESTON, ZELL, WILKEY

THE SEASON

MINERS, 0—ARKANSAS TECH, 26

Opening the season against the fast Arkansas Tech Wonder Boys on the Russellville, Arkansas, field, the Miners met with a decisive defeat, being on the short end of a 26-0 score.

For the first twenty minutes of the game the Miners held the Tech aggregation on even terms, but the Southerners finally began to shake their fast backs loose and piled up a two-touchdown lead in the closing minutes of the first half. Again in the second half the Wonder Boys showed their power by shoving over one counter in each quarter.

The Miners played a poor game defensively, allowing long passes to be completed against them for touchdowns and substantial gains. The Tech team, with three all-state backs romping through their line, was able to collect nine first downs to the Miners three, gaining one hundred and fifty yards from scrimmage and ninety on passes.

The touchdowns scored in the first half were both long passes into the end zone. In the third quarter Arkansas scored on a sustained drive from mid-field while their final tally resulted from a forty-yard dash to place the ball in position followed by a twenty-five-yard end run over the last line.

MINERS, 7—McKENDREE, 6

In their first home game of the season the Miners emerged victorious in a hard fought battle with McKendree College by virtue of a 52-yard dash for a touchdown by McGregor and the added point after touchdown by Captain Kirchoff. Numerous costly fumbles at crucial moments prevented the Silver and Gold eleven from piling up a more impressive score over their rivals from Illinois.

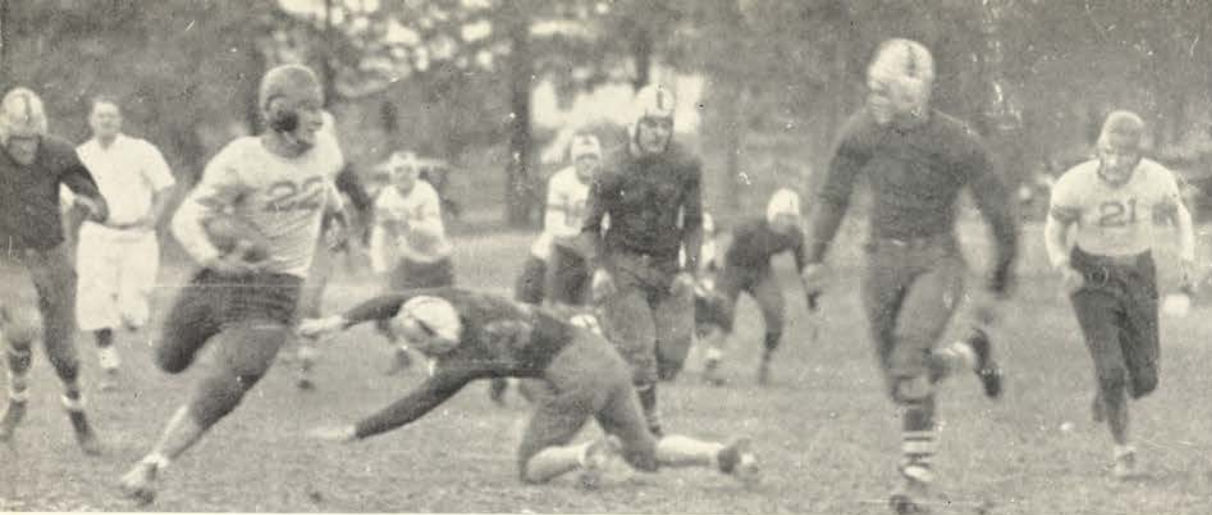
The Miners assumed the offensive in the opening minutes of the game but penalties cost them heavily during the first quarter. Near the end of the period Jim McGregor, fleet half-back, broke loose after eluding the McKendree forward wall and twisted and turned his way to the distant goal, fifty-two yards down the field. Kirchoff made the extra point with a placement kick. During the remainder of the quarter neither team showed any great offensive power.

The second quarter found both teams battling hard but unable to supply the necessary punch when within striking distance of the goal. With but two minutes of the game left to play McKendree began an attack of short passes coupled with line smashes which ultimately resulted in a touchdown. Hubbard of the Miners broke through to block the try for the extra point.

MINERS, 40—SPRINGFIELD, 6

Scoring almost at will, the Silver and Gold eleven displayed their might as they trampled the Springfield Teachers College Bears under an avalanche of touchdowns to win by a 40-6

MINERS



Going through Springfield's paper line, no stopping the Miners today, as they roll up a topheavy score.

score. The Miners showed a vast improvement over the McKendree game, the fumbles being few and far between and the necessary scoring punch being present. The Miner blocking was excellent and the majority of the Bears' gains came via the air route.

The Miners took the offensive at the outset and were constantly threatening the Springfield goal. Springfield's lone counter was made against the second team as the result of recovering a fumble on the Miner two-yard line late in the contest.

The Miner scoring parade was paced by Jim McGregor, who reeled off two fifty-yard jaunts for scores and contributed numerous other long gains. Nickel, a new star among the Miner backs, also added his share of yardage, being outshone only by McGregor. Plummer played the best defensive game seen on Jackling Field in many a year, breaking through time and again to smear Bear plays before they gained momentum.

Four touchdowns were piled up in the first half and two in the last half. As the game ended the Miners were in possession of the ball on Springfield's twenty-one-yard with a first down, having advanced from their own thirty-five-yard stripe in five plays.

MINERS, 13—OTTAWA UNIVERSITY, 0

Playing before a large Homecoming crowd, a smooth-working Miner eleven continued its victorious march by winning its third straight game over Ottawa University of Kansas by a 13-0 score. The game was played in a sea of mud, which did much to slow down the light, fast Miner backs. Captain Kirchoff, veteran Miner wingman and mainstay, suffered a severely injured back in the first quarter which kept him out for the remainder of the season.

Once again McGregor demonstrated his value to the team by supplying the scoring punch. After about twelve minutes of defensive football by both teams, McGregor broke loose for thirty yards to place the ball on the visitor's twenty-yard marker. On the next play he picked up eighteen to put the ball on the two-yard line and in two more plays he went over for the score. Kirchoff booted the ball squarely between the goal posts for the extra point.

Several times during the second quarter the Miners again threatened the Ottawa goal but a good defense prevented a score. Late in the third quarter the Miners recovered a fumble on the Braves' twenty-yard marker and McGregor again raced over for the score. The pass attempt for the extra point was knocked down.

During the remainder of the game Ottawa never gained very far into Miner territory. Their much-vaunted passing attack failed to function with the wet soggy ball. The game ended with the Miners in possession of the ball in mid-field.

MINERS, 0—ST. LOUIS UNIVERSITY, 26

The fighting hard rock Miner eleven failed to stop a great onslaught of the mighty St. Louis Billikens and fell before the Royal Blue by a 26-0 score, their second defeat of the sea-

1 9 3 4

*"A battle won is a battle in which one will not acknowledge oneself beaten." —
MARSHAL FOCH.*



Jim starting on his 63-yard run against MacKendree, which resulted in the Miners' only score, and the margin of victory.



PENZEL
ZELL

McDONALD
SPOTTI, Capt.-Elect

PENZEL, Tackle—"Pen" proved himself to be a tower of strength both on offense and defense. Every game found him turning in a stellar performance. He should be a mainstay of the Miner line of next season.

McDONALD, Center—"Mac" played his fourth and best year for the Miners this season. He acted as Captain after the injury of Kirchoff and his ability will be greatly missed next year.

ZELL, Guard—Lettering for the first time "Bilch" proved that he could really play football. Light and fast, he developed into one of the most accurate tacklers on the squad.

SPOTTI, Center, Captain-Elect—"Elmer" constituted the bulwark of the center of the line. He combined weight and ability to successfully close all holes at center. Next season will find him as leader of the team and he should be equally capable in that capacity.

KIRCHOFF, End, Captain—We select "Elmer" as the outstanding football man that has been here during the past four years. Selected as Captain of the All-State team last season. He had the tough luck of sustaining an injury in mid-season that prevented him from playing in the last three games.

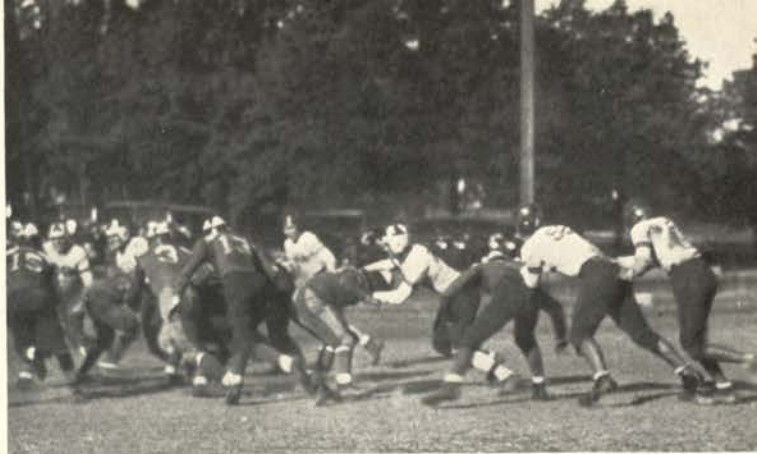
THOELE, Halfback—Another new man to the first squad. Thoele demonstrated his ability to carry the ball throughout the season. He is fast and shifty and will be one of the mainstays of the backfield next year.

CAPT. KIRCHOFF

THOELE



The Miners, ripping and tearing their way through the opponents' line to stop another unsuccessful thrust at their goal.



NEEL, Quarterback—"Billy," who weighs about 140 soaking wet. Shifty and fast and with a good head for calling signals, he will be invaluable next season. He had the tough luck to get a broken leg in the St. Louis game.

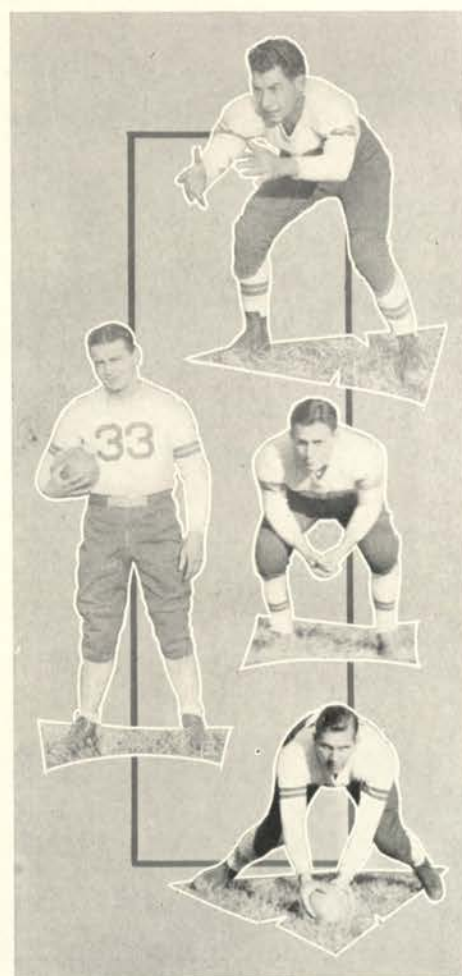
PLUMMER, Fullback—"Tony" plays the best game of any back on the field defensively. A hard hitting, driving type of player who tackles and everyone is surprised if the man gets up.

WOMMACK, Quarterback—"Gus" began his football career here as a fullback, but a shortage of quarterbacks forced him into that position. Gus proved that he is a great back, not flashy but steady and dependable.

HOLMAN, Center—"Ozzie" is a freshman and in a year when experienced centers were plentiful he made a place for himself and demonstrated his ability at that position.

SCHWAB, Halfback—"Freddie" in his second season under Miner colors again showed why he is considered one of the best blockers in these parts. Weight and speed combine to give him the ability to pick up those few yards when they are most needed.

McGREGOR, Halfback—"Jim" in his second year of football anywhere, became the outstanding groundgainer of the team. His sensational long dashes for touchdowns coupled with his accurate passing and punting made him a triple threat man which any team would like to have.



PLUMMER

NEEL
WOMMACK
HOLMAN

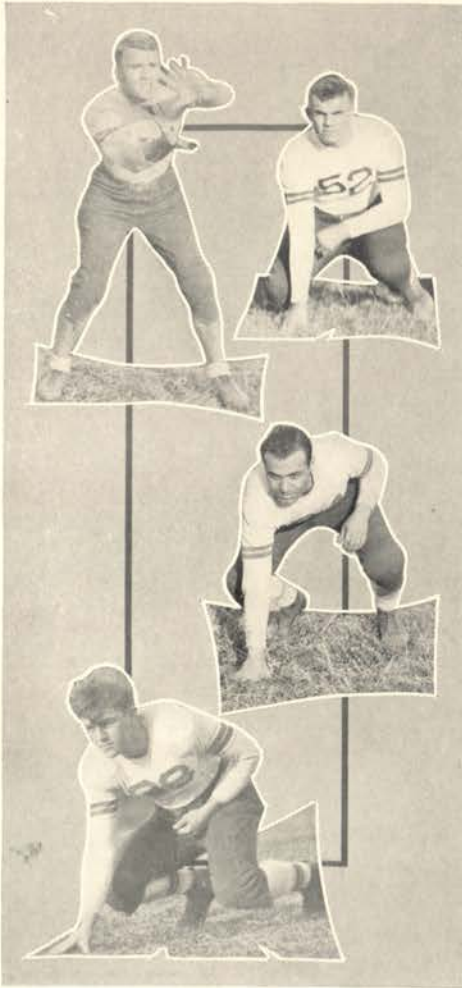
SCHWAB

McGREGOR





Jim with the ball, side-stepping, eluding tacklers, straight-arming his way to an open field, and another touch-down.



NICKLE
HUBBARD

APPLEYARD
MASSERO

NICKEL, Halfback—Although a Junior in school, "Nick" never tried football until this season. One of the fastest track men in school, he found his ability invaluable on the football field often breaking loose for long gains.

APPLEYARD, Tackle—Another freshman who made a name for himself on the football field. Big, rangy, and fast, he fitted nicely into the line and made a great running mate for Penzel.

MASSERO, Guard—Massero returned to school this year and played a great season as guard. A stonewall on defense, he opened up numerous holes for the backs to gallop through for long gains.

HUBBARD, End—"Johns" put in his first season as a regular and developed into an amazingly good end. Always in the play, he broke up numerous end runs and played "heads-up" ball throughout the season.

VAHLE, Tackle—"Fred" came down this season as a freshman with a fine high-school reputation which he lived up to in great style. He will see service for the next three seasons.

TETLEY, Tackle—A veteran of last season, "Bulldog" again demonstrated his ability as a ballplayer and was one of a pair of fine tackles this season. He is a sophomore and will be counted on for that stonewall defense for another two years.

VAHLE

TETLEY



An attempt at a first down, was it successful? Only measurement can tell.



MOORE, Guard—"Bob" played his first full season for the Miners this year at guard. He added weight and football ability to his side of the line and did much to open up holes on the offense.

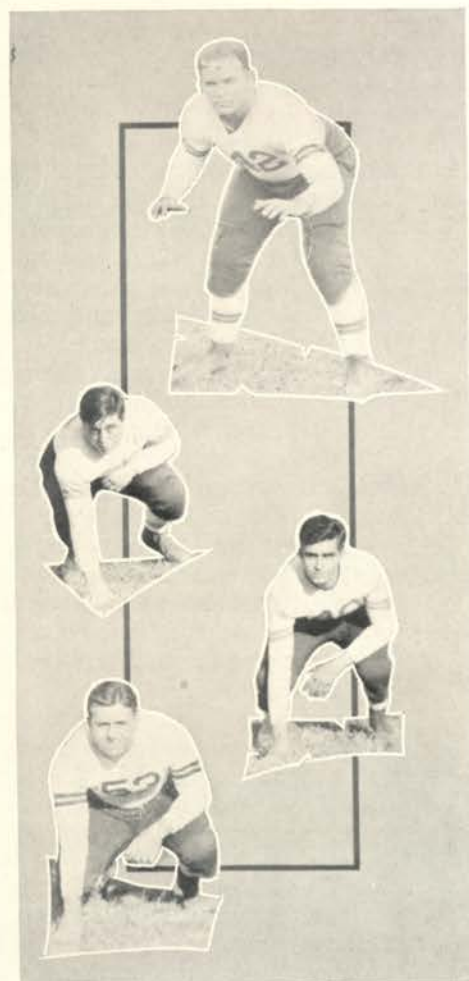
MATTEI, Guard—"Pete", the "Tiger" of the line proved to be a tough man to all opposition encountered. He added weight and power to the right side of the line when needed and has two more years to play.

SUHRE, End—"Suhre" was another freshman who showed up well. Ends were scarce this season and Suhre proved to be a good one. With a year's experience behind him he will be counted on heavily next season.

AYLWARD, Tackle—"Andy" was another of the big, rangy tackles who played such consistently good football throughout the season. Tipping the scales at well over two hundred, he added great power and strength to the line.

DUDLEY, End—Coming to the Miners from the East "Dud" probably had one of the best reputations of anyone who has come here. As star end of the squad, he turned in outstanding performances on both the offense and defense.

WILKEY, Halfback—A freshman, who is fast, and though he did not letter this year, he will make a good man for next year with one season's experience behind him.



MATTEI
AYLWARD

MOORE
SUHRE

WILKEY

DUDLEY





Kirch, McDonald, and Hubbard, showing Jim the way to an open field. Perfect blocking, and Jim's speed gave the Miners a sure scoring combination throughout the season.

son by that score. Playing before a crowd of six thousand at Walsh Memorial Stadium in St. Louis, the Silver and Gold met the Billikens at top form, a heavy, shifty, speedy squad that was unstoppable on offense and impregnable on defense.

Kane of St. Louis became the man of the evening, scoring three touchdowns and placing the ball in scoring position for the fourth. On the opening kickoff Kane took the ball on his own three-yard line and behind a solid wall of interference raced ninety-seven yards down the field for a touchdown.

The disheartened Miners made a gallant, and, at times, unpenetratable stand, but finally succumbed to the powerful attacks of the Royal Blue. The game was hard fought on both sides with numerous penalties being inflicted. The strong Billiken offense, functioning smoother than any team the Miners have encountered in several years, rolled up fourteen first downs to the Miners five and compiled a total gain from scrimmage of 451 yards as against 107 for the Silver and Gold.

Three times the gallant Miners fought their way into the shadow of the goal posts and three times failed to take advantage of the breaks. The second St. Louis score came late in the first quarter as the result of a twenty-five-yard run around end by Kane. Late in the second quarter Kane again shook himself loose and dashed sixty-four yards to place the ball in scoring position, Rapp going over from the one-yard line.

In the latter part of the third quarter the Miners fumbled and St. Louis recovered on the twenty-seven-yard line, Kane going over for a touchdown on the next play. The fourth quarter found St. Louis again within striking distance of a touchdown several times, but the Miner forward wall held. The game ended with the ball in St. Louis' possession in mid-field.

MINERS, 0—KIRKSVILLE, 18

The Miners met their third reversal of the season when the Kirksville Bulldogs, proclaimed State Champions for the year, journeyed to Rolla and won a closely fought game by 18-0. Though greatly handicapped by injuries, the Miners outplayed Kirksville throughout a great part of the game and finally lost out due to fumbles at crucial moments. Three times during the game the Miners were within fifteen yards of the Kirksville goal, twice advancing within the five-yard line, but lost the ball each time on fumbles.

Embree of the Bulldogs carried the brunt of the Teachers' attack while, as usual, McGregor shone for the Miners in spite of his many costly fumbles. The first Kirksville score came in the second quarter after the Miners had fumbled and Kirksville recovered on the twenty-yard line. Late in the third quarter the Teachers took the ball in mid-field and advanced to the one-yard line by a series of brilliant runs and passes, with Moody going over for the score.

The third touchdown came as a result of an intercepted pass in the fourth quarter. Late in the fourth quarter the Miners carried the ball to the Kirksville ten-yard line where

MINERS

*I long have had a quarrel set with Time
Because he robb'd me. Every day of life
Was wrested from me after bitter strife;
I never yet could see the sun go down
But I was angry in my heart, nor hear
The leaves fall in the wind without a tear
Over the dying summer. I have known
No truce with Time nor Time's accomplice,
Death.*

*The fair world is the witness of a crime
Repeated every hour. For life and breath
Are sweet to all who live; and bitterly
The voices of these robbers of the heath
Sound in each ear and chill the passer-by.
What have we done to thee, thou monstrous
Time?*

What have we done to Death that we must die?

WILFRID SEAWEN BLUNT.

THE TWO HIGHWAYMEN



*Skillful hands, directing the ball
on its sure flight to the goal—
the hands of BASKETBALL.*

BASKETBALL



Standing—Coach Grant, Lange, Murphy, Busch, Gardner, Wommack.
Kneeling—Nixon, Capt. Joslin, Capt.-elect Mooney, Pfeifer.

SUMMARY OF GAMES

December 13—Miners, 36; Central Wesleyan, 38. Opening the season on the home court with little defense but a fair offense the Miners dropped the first game by two points.

January 9—Miners, 15; Springfield, 33. Encountering the strong Springfield Bears just after the holidays the Miners once again lost and were thoroughly outplayed.

January 12—Miners, 23; Westminster, 21. The Miners eked out a slim victory over the Blue Jays to break into the win column.

January 26—Miners, 19; Cape Girardeau, 26. Once again the Miners met one of the best teams in the state and fell before their accurate shooting attack.

January 30—Miners, 25; Drury, 29. For the first time in some seasons the Miners were outclassed by their old rivals.

February 5—Miners, 33; Central, 22. With a completely revamped team the Miners featured a fast passing attack combined with scoring ability to upset the Central Eagles.

February 8—Miners, 28; Missouri Valley, 24. Capt. Joslin led his team to their third victory of the season by turning back the Vikings in a fast game.

February 10—Miners, 14; Springfield, 25. Once again the Bears demonstrated their superiority by playing championship ball.

February 15—Miners, 30; William Jewell, 26. The Miners quintet, paced by Pfeifer and Joslin, again displayed accuracy and speed in a closely contested game.

February 17—Miners, 14; St. Louis, 27. Bowing before Billiken superiority for the second time this year, the Miners were completely outclassed in the game.

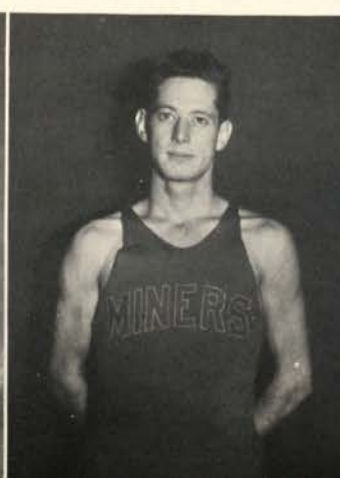
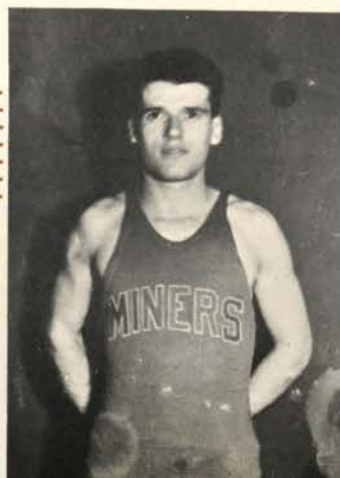
February 22—Miners, 26; William Jewell, 19. For the second time this season the Miners defeated William Jewell with McGregor leading in the scoring.

February 23—Miners, 16. Missouri Valley, 19. After winning from the Vikings on their home court the Miners fell before their team at Missouri Valley in a closely fought game that left the outcome in doubt up to the closing gun.

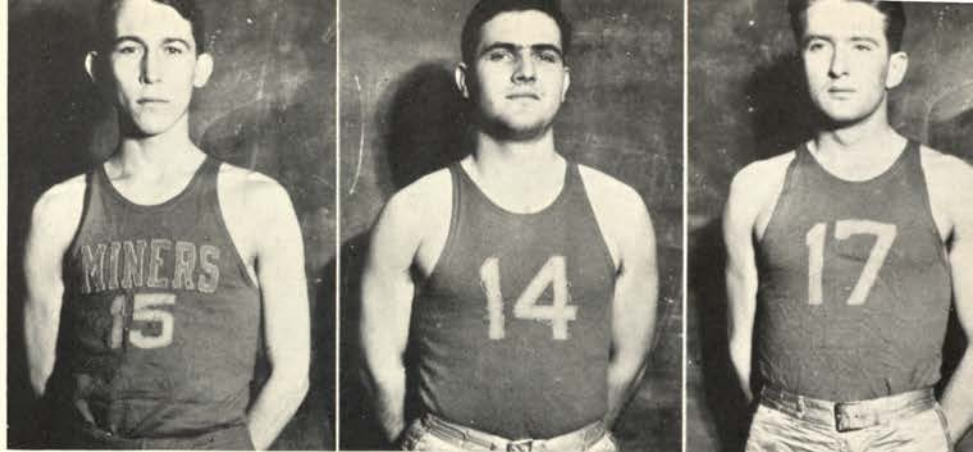
McGREGOR

CAPTAIN-ELECT MOONEY

WOMMACK



PRANGE
PFEIFER
CAPT. JOSLIN



LETTERMEN

JOSLIN, Captain, Center—"Compte" played a consistently good brand of basketball throughout the season and nearly always paced the team in scoring. His leadership and accurate shooting will be greatly missed on next season's squad.

MOONEY, Captain-elect, Forward—Mooney, in his second season with the Silver and Gold again demonstrated his worth as a forward who is always dangerous. He has two more years to play.

WOMMACK, Guard—"Gus" was also playing his second season and is a good, steady, consistent guard who will be counted on heavily next season.

McGREGOR, Forward—"Jim" began college basketball as a freshman last season with the Miners and led the team in scoring and his sophomore record, while not as impressive, was still very good. He will be missed from the quintet next season as he goes to West Point.

PRANGE, Guard—Prange was a newcomer to the squad and did exceptionally well in his first season as a guard and center. He will be back for several more seasons of play.

PFEIFER, Guard—Another new man who came to the Miners from Washington University, Herman became the needed spark and drive to get the team going and his sensational shooting brought several victories during the season. He has another season.

NIXON, Guard—"Nix" was one of the season's surprises, a newcomer who made himself one of the most valuable men on the squad. He unquestionably played the best floor game throughout the year. And he will be on hand next season.

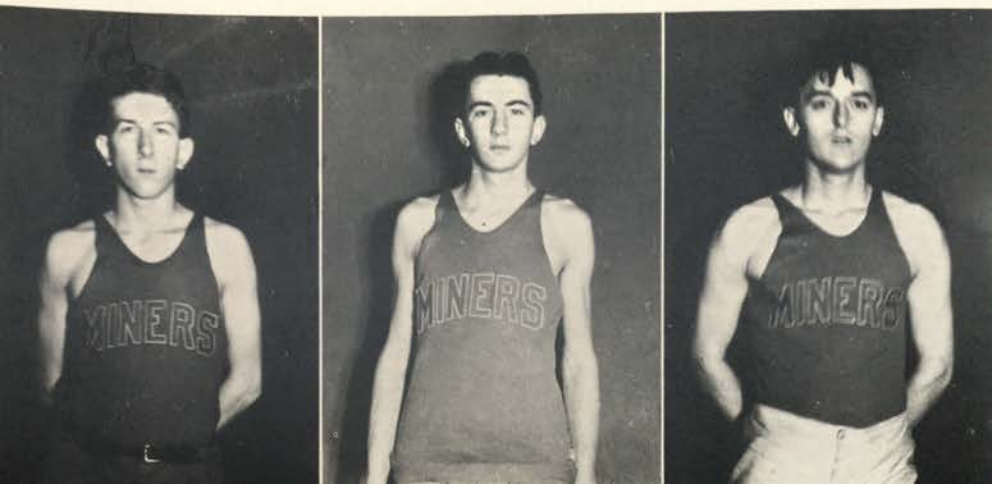
LANGE, Forward—"The Mexico Flash" came to Rolla with a high school reputation which he added more glory to by playing a great game at forward. "Bob" is a freshman and will see service for three more seasons.

GARDNER, Forward—"Rufus" had but little opportunity to prove his merit during the season but always came through when called upon. Another freshman who makes the basketball outlook much brighter for next year.

NIXON

LANGE

GARDNER



*Out of the night that covers me,
Black as the Pit from pole to pole,
I thank whatever gods may be
For my unconquerable soul.*

*In the fell clutch of circumstance,
I have not winced nor cried aloud.
Under the bludgeonings of chance
My head is bloody, but unbowed.*

*Beyond this place of wrath and tears
Looms but the Horror of the shade,
And yet the menace of the years
Finds, and shall find me, unafraid.*

*It matters not how straight the gate,
How charged with punishments the scroll,
I am the master of my fate:
I am the captain of my soul.*

INVICTUS



*Hands that are trained to co-
ordinate in individual competi-
tion — the hands of MINOR
SPORTS.*

MINOR SPORTS



The 1934 track squad.

With six lettermen returning at the beginning of the season, Coach Grant once again developed a strong track team that failed to be greater only through the lack of field men. In a number of the field events many outstanding stars were noticeably missing, but these were in a measure compensated for by the track men and relay teams.

Led by co-Captains Irwin and Spotti the team performed quite credibly throughout the season. Irwin won the half mile in every meet and repeated at the state meet, negotiating the distance in 1:59.1, just .1 of a second over his own record. Neel, Miner high-jumper, also took a first place at the State meet, and these two, together with numerous seconds and thirds, placed the Miners second to the champion Westminster Blue Jays.

The outlook for next season is brighter than it has been in several years with a goodly number of lettermen returning to round out the squad. Bert Fort is the captain-elect.

In the first home meet of the season, the Miners lost out by a two-point margin, the Arkansas Razorbacks winning the meet by a 69 to 67 score. Summary of the events are as follows:

100-Yard Dash: First, La Forge, A.; second, Nickel, M.; third, Aizio, A. Time—10.3.

One Mile Run: First, McClure, M.; second, Gower, A.; third, Nations, A. Time—4:44.7.

220-Yard Dash: First, La Forge, A.; second, Howerton, M.; third, Everett, M. Time—23.2.

120-Yard Hurdles: First, Wehrman, M.; second, Coleman, A.; third, Divoshek, A. Time—17.2.

440-Yard Run: First, Rizio, A.; second, Borker, A.; third, Spotti, M. Time—52.2.

220-Yard Hurdles: First, Coghill, M.; second, Nickel, M.; third, Bell, A. Time—26.7 New meet record.

880-Yard Run: First, Irwin, M.; second, Lee, A.; third, Jackson, A. Time—2:00.7.

Two-Mile Run: First, Hall, M., and Brown, M., tied; third, Blair, A. Time—11:11.9.

Half-Mile Relay: First, Coghill, Nickel, Everett and Howerton, M.; second, Arkansas. Time—1:33.6. New meet record.

One Mile Relay: Won by Miners—default.

Pole Vault: First, Jackson, A.; Everett, M., and Neel, M., tied for second and third. Height, 10 feet 9 inches.

Shot Put: First, Irwin, A.; second, Sherland, A.; third, Schwab, M. Distance—33 feet, 11½ inches.

TRACK

*"Our doubts are traitors, and make us lose the good we oft might win,
by fearing to attempt."—Shakespeare.*

Shot Put: Morrow, Westminster, first; Schwab, Miners, second; Edmonds, Westminster, third. Distance—40 feet 4 inches.

1 9 3 4



Championship relay team —
HOWERTON, EVERT, NICKLE,
McGREGOR.

Broad Jump: Avis, Westminster, first; Taft, Central, second; Edmunds, Westminster, third. Distance—21 feet 2 inches.

The Miner distance medley relay team composed of Fort, Spotti, Irwin and Meacham succeeded in placing fourth in their event at the Kansas Relays held Saturday, April 22, 1933. The meet was held at Lawrence, Kan., the University of Kansas being the host to many visiting teams.

The Miners won over Drury in their annual meet by a score of 87-49. Many meet records were broken. Summary of events:

224-Yard Dash: First, Robb, D.; second, Howerton, M.; third, Everett, M. Time—10.00.

Mile Run: First, McClure, M.; second, Meacham, M.; third, Knight, D. Time—4:50.8.

220-Yard Dash: First, Robb, D.; second, Howerton, M.; third Everett, M. Time—22.3.

120-Yard High Hurdles: First, Wehrman, M.; second, Dannveck, D.; third, Knight, D. Time—17.1.

440-Yard Dash: First, Spotti, M.; second, Fort, M.; third, Haymes, D. Time—52.0.

220-Yard Low Hurdles: First, Coghill, M.; second, Dannveck, D.; third, Nickel, M. Time—26.5.

880-Yard Run: First, Irwin, M.; second, Hackett, D.; third, Spotti, M. Time—2.00.

Two-Mile Run: First, Brown, M.; second, Hall, M.; third, Hawkins, D. Time—10.38.

Half-Mile Relay: First, Miners; second, Drury. Time—1.32.

Mile Relay: First, Miners; second, Drury. (Default).

Shot Put: First, Ray, D.; second, Schwab, M.; third, Burns, D. Distance—37 feet 6 inches.

TRACK

FORT

NEEL

COGHILL





Towse throwing the javelin for another record.

Pole Vault: First, Glenn, D.; second, Neel, M.; third, Everett, M. Height—11 feet.

High Jump: First, Neel, M.; second, Ray, D.; third, Glenn, D. Height—5 feet 8 inches.

Broad Jump: First, Glenn, D.; second, Everett, M.; third, McGregor, M. Distance—21 feet 8 inches.

Javelin Throw: First, Towse, M.; second, Wehrman, M.; third, Ray, D. Distance—178 feet 3 inches.

Discus Throw: First, Ray, D.; second, Schwab, M.; third, Wehrman, M. Distance—126 feet 2 inches.

The Miner track team amassed a total of $37\frac{3}{4}$ points in the annual track and field carnival of the Missouri Athletic Union held at Marshall, Mo. This placed the Miners second in the meet. Westminster successfully defended their championship by winning the meet. Westminster scored $43\frac{3}{4}$ points—a margin of six points over the Miners.

Behind the Miners came Tarkio with $23\frac{3}{4}$ points; Drury 20; Central Stockton 8, and William Jewell 7.

The Miners took three first places, winning both relays and the half-mile run.

Irwin again stepped away from the field, and on a soft track, turned in a 1:59.1 half mile to win the event. This time is one-tenth of second slower than Irwin's record of 1:59 set last year.

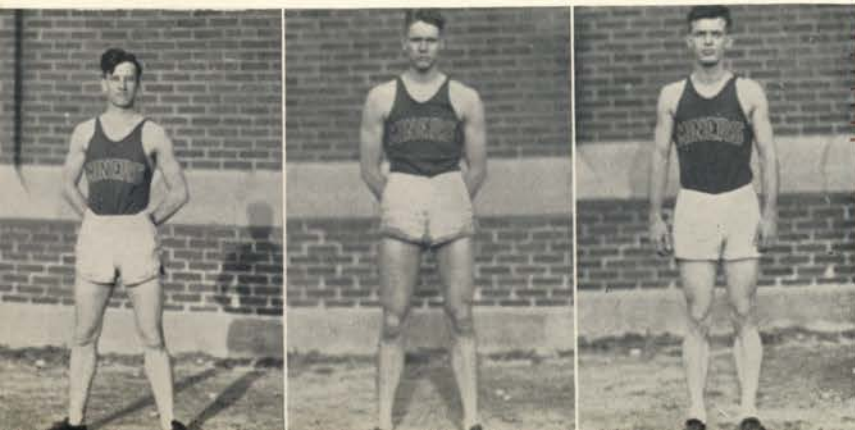
Neel, Miner high jumper, tied for first place in the high jump, with three other men. The height was 5 feet 8 inches.

Other Miner men taking places in the meet were: Howerton, third in the 100 and 220-yard dashes; Everett, fourth in the 100 and 220-yard dashes, and also fourth in the broad jump; Spotti, third in the 440-yard dash; Brown, third in the two-mile run; Coghill, second in the 220-yard low hurdles; McClure, third in the mile run; Towse, third in the javelin throw, and McGregor, third in the broad jump.

IRWIN

KRUSE

MEACHAM



1934

VARSITY TENNIS

The scores of the singles are as follows: Schuhman-Rae: (4-6), (7-5), (6-1). Gaston-Hillhouse: (4-6), (3-6). Mertz-Dorsey: (5-7), (6-2), (6-1). Lenz-Vaughn: (7-5), (4-6), (2-6).

In the doubles Schuhman and Lenz won over Vaughn and Roe in straight sets (6-0), (8-6). Mertz and Gaston were defeated by Dorsey and Hillhouse in three hard-fought sets (4-6), (6-4), (5-7). The score of the meet—Miners 3; Westminster 3.

The M. S. M. tennis team of the 1933 season showed a great improvement over last season. The team this season was led by Captain "Bill" Lenz with Schuhman, Gaston, and Mertz composing the team. The Miners had three games on their schedule, namely, Arkansas University, Central College, and Westminster College. Due to wet courts, the meet with Arkansas was not held.

The Miners dropped their first tennis meet of the season to the Central Eagles of Fayette, it was a hard-fought meet throughout. The outcome being in doubt until the end of the meet. The score of the meet was 4 to 2.

Captain Bill Lenz and Schuhman of the Miners won their single matches from Head and Hackley, respectively. All of the other matches were won by the Eagles of Central.

After a poor start Lenz came back strong to defeat Head 1-6, 6-4, 6-2. Schuhman dropped his first set to Hackley of Central, but won 4-6, 6-4, 9-7, in what was the most closely fought match of the afternoon. State of Central defeated Mertz of the Miners 6-2, 6-2, and Schoene of the visitors defeated Gaston of the Miners 5-7, 6-1, 6-0, in the other two single matches of the afternoon.

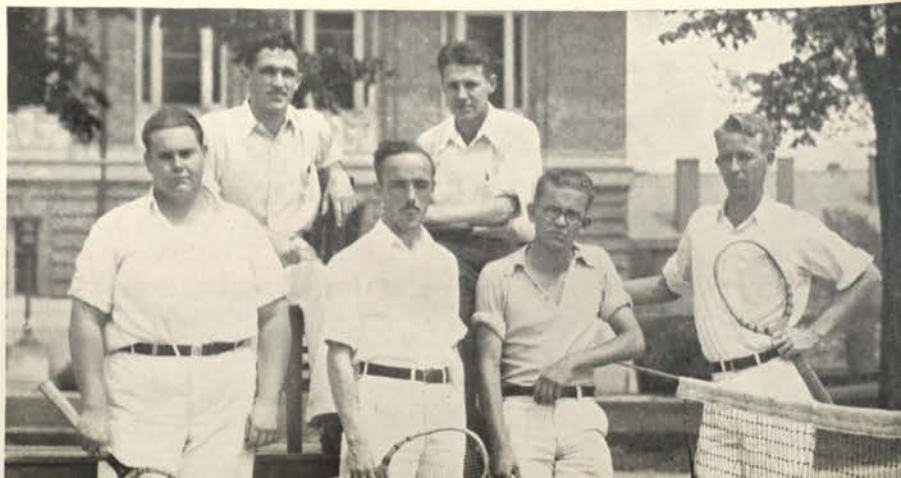
In the double matches Lenz and Schuhman were defeated by State and Hackley, 6-3, 7-5, and Mertz and Rodgers were dropped by Head and Schoene by a score of 6-3, 6-2.

The Miners and Westminster divided honors in their annual tennis meet. The games were exciting from start to finish, and the comparative scores will give an idea as to the intensity of the play. Schuhman was the individual star of the afternoon, winning in both his singles and doubles events.

The scores of the singles are as follows: Schuhman-Rae: (4-6), (7-5), (6-1). Gaston-Hillhouse: (4-6), (3-6). Mertz-Dorsey: (5-7), (6-2), (6-1). Lenz-Vaughn: (7-5), (4-6), (2-6).

In the doubles Schuhman and Lenz won over Vaughn and Roe in straight sets (6-0), (8-6). Mertz and Gaston were defeated by Dorsey and Hillhouse in three hard-fought sets (4-6), (6-4), (5-7). The score of the meet—Miners 3; Westminster 3.

Standing—GASTON, MERTZ, SCHUHMAN, LENZE
Seated—MARTIN, GIESEKE.



TENNIS



Hands of individuals co-operating for the victory of their organization — the hands of INTRAMURALS.

INTRAMURALS

Clanton, Towse, Holman,
Howe, Neel, Taylor.



INTERFRATERNITY BASKETBALL 1933

The basketball fans on the Missouri School of Mines witnessed one of the most interesting seasons of intermural basketball played on the Jackling floor in many years. The league was very evenly matched and no team was sure of victory until the final whistle.

The championship this year was won by the boys of the Pi Kappa Alpha fraternity after many hard and exciting battles.

The majority of the games won by every team in the league were won in overtime periods, the Pi K A's winning three overtime games, including the championship game won from the strong Sigma Pi aggregation.

The league this season was composed of teams representing the following organizations: Triangles, Kappa Sigma, Sigma Nu, Sigma Pi, Pi Kappa Alpha, Kappa Alpha, Merciers and Lambda Chi Alpha, the Pi K A's being the only undefeated team in the league. The Sigma Pi's were in close second, followed closely by the Merciers and Triangles.

The following men composed the squad representing the Pi Kappa Alpha basketball team: Weigel and Marshall, forwards; Howe, center; McDonald and Neel, guards; Towse and Butcher, forwards; M. Towse and Crippen, guards, and Taylor, center. Roy Towse acted as coach for the boys, showing a good knowledge of the strategy of basketball. Robert Weigel was high point man for the team and one of the outstanding players.

The Pi Kap basketeters displayed a good brand of ball this season, always on the aggressive and playing their hardest until the final whistle. Many times they came from behind to win the game in the final period. The championship game with the Sigma Pi's was won in an overtime period by one point, the results of a foul committed by one of the Sigma Pi players.

Final Standing

	Won	Lost	Pct.
Pi Kappa Alpha.....	7	0	1.000
Prospector	5	2	.714
Triangle	5	2	.714
Sigma Nu	3	4	.428
Lambda Chi	3	4	.428
Mercier	3	4	.428
Kappa Sigma	2	5	.286
Kappa Alpha	0	7	.000

BASKETBALL

*May our eyes be no keener when we look upon the faults of others
than when we survey our own.*



Gordon, Towse, Hale, Howe,
Kew, Neel.

INTERFRATERNITY SWIMMING

The Pi Kappa Alpha Fraternity once again placed first in interfraternity sports for the season when they captured the first place honors in the first swimming meet of its kind ever held in Jackling Pool. The winners piled up a large lead in the early part of the meet and thus were able to withstand a last minute attack of the Triangle team, which finished a close second.

The final score of the meet was: Pi K A, $31\frac{1}{2}$; Triangle, 29; Lambda Chi Alpha, $17\frac{1}{2}$; Kappa Sigma, 9; Sigma Nu, 4.

Each race was run in two or more heats and every man timed, the best time determining the winner with seconds and thirds going to those clocked at the next best speed.

The Pi K A team began with a rush by capturing first in the 160-yard relay and then increased their lead when Hale took first in the 100-yard breast stroke. In the 40-yard free style the Triangle team placed men first and second with Beard being the winner. Bill Power set the pace in the 200-yard free style to win handily for Lambda Chi, while Johnson ran the Lambda Chi first places up to two by winning the 80-yard backstroke.

In the 100-yard free style, Kew of the Pi K A team took first place and Neel of the same team captured first in the diving to cinch the meet. The 120-yard medley relay was won by Triangle, with Pi K A second.

The summary of the meet is as follows:

160-Yard Relay—Pi K A (R. Towse, Hale, M. Towse, Kew), first; Triangle, second; Sigma Nu, third. Time—1:46.

100-Yard Breast Stroke—Hale, Pi K A, first; Musick, Kappa Sigma, second; Rodman, Lambda Chi, third; Proskine, Triangle, fourth. Time—1:44.

40-Yard Free Style—Beard, Triangle, first; Stewart, Triangle, second; Menke, Kappa Sigma, third; Towse, Pi K A, and Reed, Lambda Chi, tied for fourth. Time—24:1.

200-Yard Free Style—Power, Lambda Chi, first; Reese, Triangle, second; Towse, Pi K A, third; Steen, Triangle, fourth. Time—3:39.6.

80-Yard Back Stroke—Johnson, Lambda Chi, first; Dresser, Triangle, second; Howe, Pi K A, third; and Peebles, Sigma Nu, fourth. Time—1:18.5.

SWIMMING

Standing — Absher, Burnham,
Mashek, Power, Reed.

Seated—Rodman, Joslin, Fort,
McGregor.



In the 1933 baseball competition, two leagues were formed, the American and the National Leagues. In the American League, the Sophomore Independents were the winners; while in the National League the Lambda Chi Alpha team emerged the victors. In the "World Series", the Sophomores won the first game by the score of 2-1. In the second game the Lambda Chi team won by the score of 13-5. Due to the closing of school, the final game was not played and the season resulted in a tie for the championship. The Lambda Chi team is pictured above.

LEAGUE STANDING

National

	Won	Lost	Percent
Lambda Chi Alpha.....	4	0	1.000
Merciers	2	2	.500
Junior Independents	2	2	.500
Freshmen Independents	1	3	.250
Sigma Nu	1	3	.250

American

	Won	Lost	Percent
Sophomore Independents	4	0	1.000
Sigma Pi	2	2	.500
Pi Kappa Alpha.....	2	2	.500
Senior Independents	2	2	.500
Kappa Sigma	0	4	.000

BASEBALL

CHAPTER • • •
THREE • • •
CAMPUS GROUPS

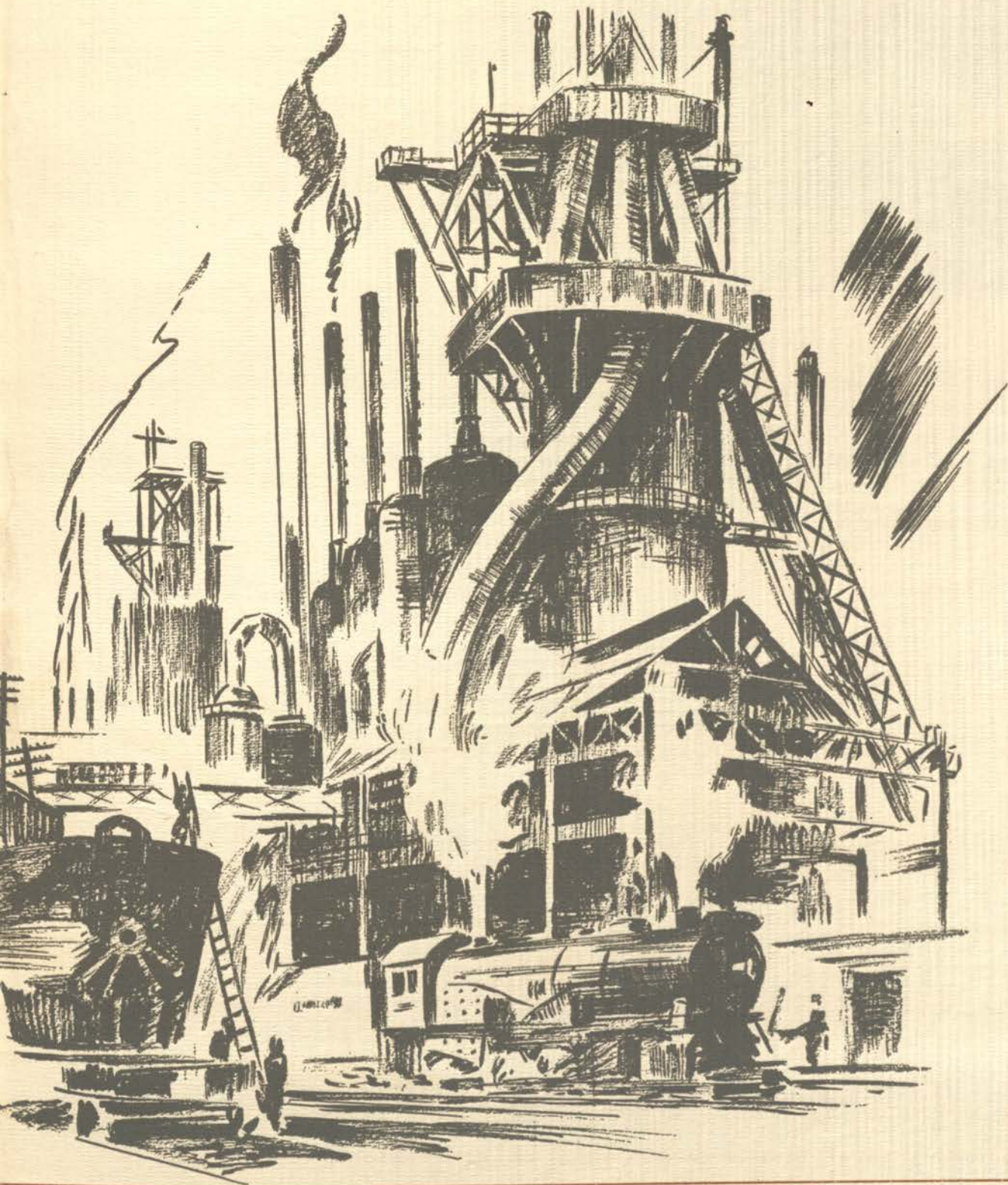
Campus Groups—to study a particular subject,
to produce a play, to edit a publication, to promote
good fellowship.

Campus Groups—a most important and vital part
in the life of an all-around student.

Thus we present our



CAMPUS

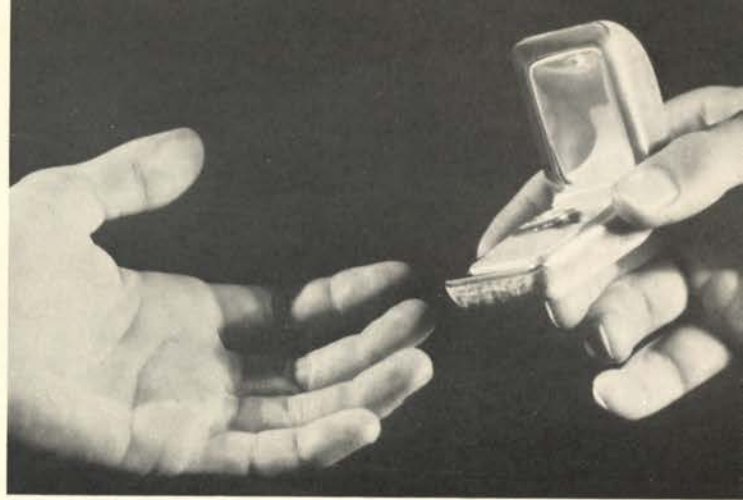


G R O U P S



The metallurgist takes the raw minerals as he receives them from the miner, and extracts from them, through his knowledge of ore dressing and smelting, the pure metals. In his research, by the combination of various metals, he has produced alloys which have made it possible for the world to make vast strides in the field of construction and transportation.





*Hands that, by virtue of their
superiority, have achieved spe-
cial recognition and the apex of
collegiate honors—the hands of
HONORARY and PROFES-
SIONAL SOCIETIES.*

HONORARY and PROFESSIONAL

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JACKSON



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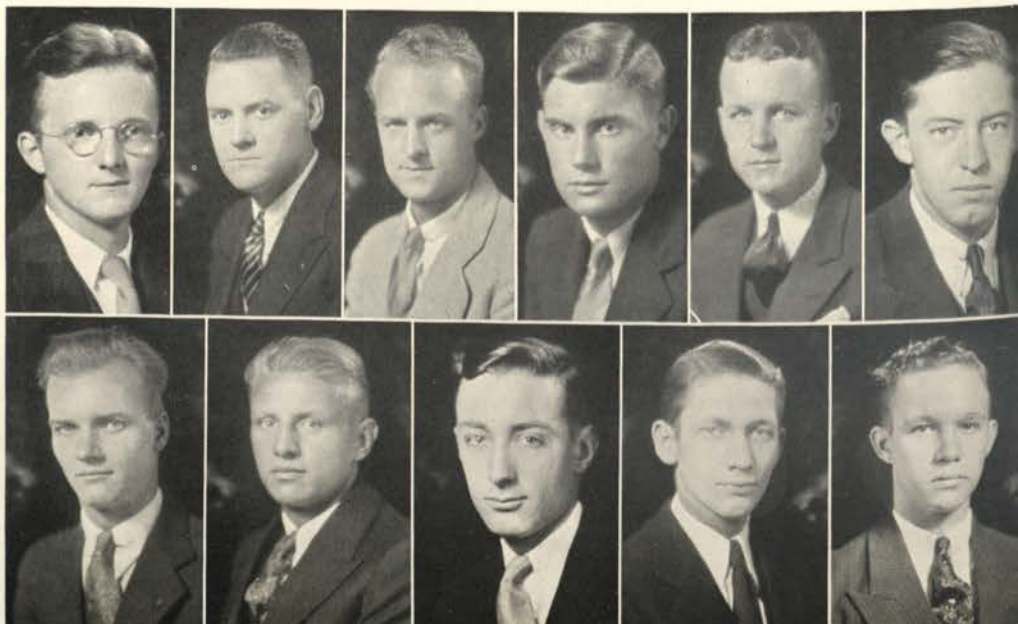
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The fraternalism of man, symbolized by the handclasp of friendship, is represented by the hands of our SOCIAL FRATERNITIES.

SOCIAL FRATERNITIES

GAMMA XI of

Sigma Nu was founded at Virginia Military Institute by Frank Hopkins, Greenfield Quarles, and James Riley. Although the fraternity actually existed as early as 1866, it was not organized until January 1, 1869. Chapters elsewhere were organized, and by 1903, there were sixty-two active chapters.

Gamma Xi chapter, at Missouri School of Mines, was installed January 23, 1903. This chapter was organized by Ray Rucker, a member of Rho chapter at University of Missouri, and John T. Rice, a member of Gamma Eta chapter at Colorado School of Mines. The installation was held at the Masonic Temple, where ten men, besides the founders, were initiated.

Sigma Nu was the first fraternity on the School of Mines Campus, and before the student body understood the purposes of the fraternity, they showed great resentment. Later, good feeling was restored.

Thirty-six men from the Gamma Xi chapter found under the Colors of the United States in the Great World War. Among these were John Thomas Keenan, a major in the Corps of Engineers, Clark C. Bland, a captain in the Infantry, and one of the founders of Sigma Nu, John T. Rice, a captain in the Corps of Engineers.

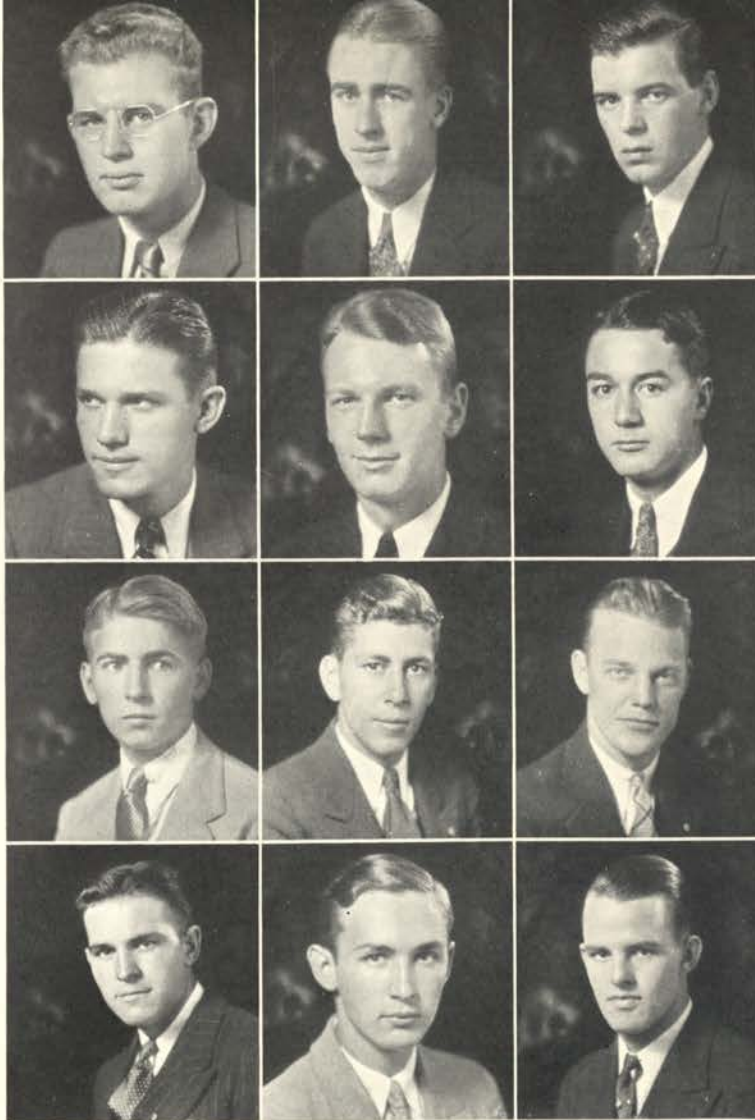
Men from this chapter may be found in various parts of the world, and many are famous in their professions. A. Emory Wishon is often spoken of as being the biggest man in public utilities on the west coast. Two men from this chapter are members of the faculty of the Missouri School of Mines; Dr. H. H. Armsby, registrar, and Prof. C. J. Millar, professor of Biology.

The Sigma Nus have been among the leaders in campus activities since this chapter was organized. During the past sixteen years, it has had ten

football captains, as well as producing leaders in scholarship.

During the thirty years' existence at the Missouri School of Mines, Gamma Xi of Sigma Nu has initiated two-hundred and fifty-five members.





First Row
OSWALD, BUCK, DOBSON.

Second Row
SNYDER, PEEBLES, CODDINGTON.

Third Row
HOENER, KISER, FOLSOM.

Fourth Row
GREWIS, WOERHEIDE, HOWERTON.

SIGMA NU

OFFICERS

A. W. R. OSWALD	- - -	Eminent Commander
C. W. SNYDER	- - -	Lieutenant Commander
W. H. CODDINGTON	- - -	Treasurer
A. J. HOENER	- - -	Recorder

ACTIVES

H. B. HADDOCK
W. G. TWYMAN
R. W. SIMPSON
R. H. BUCK
W. E. BRIGHT

D. R. HOWERTON

A. E. WOERHEIDE
G. H. BREUNING
NEIL PLUMMER
B. E. PEEBLES
J. W. WRIGHT

PLEDGES

W. G. FOLSOM
R. H. HOFFMAN
R. J. DOBSON
J. McCAW

T. W. WOMMACK
J. B. DEADERICK
O. E. GREWIS
J. E. KISER

Adam's ale—and may so pure an element always be at hand.

BETA CHI of

Kappa Sigma was founded at the University of Virginia, December 10, 1860, by William Grigsby McCormick, George Miles Arnold, Edmund Law Rogers, Jr., Frank Courtney Nicodemus and John Covert Boyd. The founders were not denied the opportunity to become associated with some of the dozen fraternities of the time at the University of Virginia, but three of them, McCormick, Rogers and Nicodemus, had been close friends as young men in Baltimore. They wanted to be together and under the leadership of McCormick decided to found an organization of their own. The relations of these three and Arnold and Boyd were so close, they have always been known in the literature and tradition of the fraternity as the "five friends and brothers."

The original Constitution names the fraternity Kappa Sigma, describes the badge, and gives the significance of its parts and of the emblems appearing upon it. The badge, designed by the founder, Rogers, has never been changed.

Among the lead and zinc mines of Southwestern Missouri, the Missouri School of Mines, at Rolla, was under informal consideration from the time of the fraternity's first entrance into the State. A suggestion that the School of Mines, being a part of the State's educational system, might be entered through a branch of Beta Gamma at the State university, this was found impractical. A petition from a group of men at Rolla gained consideration on its own merits, and on December 19, 1903, the chapter was formally installed. Representatives of the three chapters in Missouri and the one in Arkansas took part in initiating the ten charter members of Beta Chi. In 1927 the chapter bought its house.





First Row

MONTGOMERY, LaFOLLETE, COOKE.

Second Row

SPRINGER, BECK, WALTHER.

Third Row

GALLOWAY, MENKE, RAISER.

Fourth Row

COOKE, FINLEY, SCHAUMBURG.

KAPPA SIGMA

OFFICERS

AUSTEN E. DAILY	- - - - -	Grand Master
FRANK HAINES	- - - - -	Grand Procurator
R. G. MONTGOMERY	- - - - -	Grand Secretary
J. H. GALLOWAY	- - - - -	Grand Treasurer
J. P. RAISER	- - - - -	Grand Master Ceremonies

ACTIVE MEMBERS

W. R. SPRINGER
T. W. JONES
A. H. WALTHER
DR. S. R. B. COOKE
R. H. BECK

W. F. COOKE, JR.
J. R. HUBBARD
W. L. SULLIVAN
G. W. SCHAUMBURG
T. J. FINLEY, JR.

J. W. FRAME

PLEDGES

C. L. TETLEY

EDWIN DUDLEY

May the hinges of hospitality never creak.

ALPHA KAPPA of

Pi Kappa Alpha was founded at the University of Virginia on March 1, 1868, by Frederick Southgate Taylor, Littleton Waller Tazewell, Julian Edward Wood, James Benjamin Sclater, Jr., Robertson Howard, and William Alexander. The founders had long been intimate friends, having served in the Confederate Army together and some of them having attended Virginia Military Institute together. The first idea and conception of the fraternity took place at V. M. I. shortly after the battle of New Market, in which the cadets of that school took such an active part.

The fraternity rapidly expanded throughout the South, and six other chapters were established during the first ten years. The fraternity was never sectional but tended to limit its expansion to the Southern States until 1909.

Alpha Kappa Chapter was installed on the Missouri School of Mines campus on December 2, 1905. Installation was held in a house that the new chapter had rented and seven men formed the list of initiates.

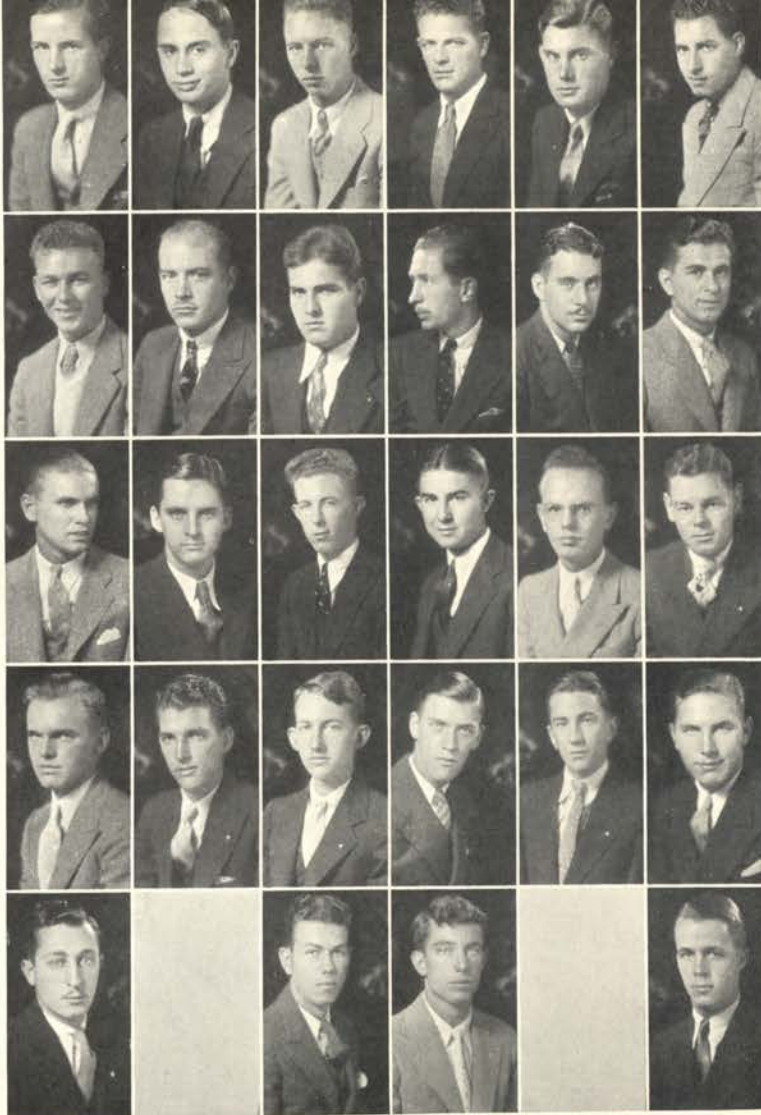
The new fraternity met with much opposition at first from the other houses as they believed that there was not room for another group on the campus. The charter members, however, proceeded to furnish their new home and soon the animosity died and all of the fraternities were working in harmony.

Thirty-six men from Alpha Kappa saw service during the war. Numbered among those who rose to rather high positions are: Col. W. F. Siegmund, Field Artillery; Major T. S. Dunn, Engineer Corps; Captain J. M. Goldman; Lt. W. C. Zeuch.

Outstanding graduates from Alpha Kappa are E. R. Needles, noted bridge engineer; Ray G. Knickerbocker, well known metallurgist; D. H. Radcliffe, wealthy oil-well operator; Ira L. Wright, prominent mining engineer, and H. T. Mann, professor at M. I. T. Members of the fraternity who are on the School of Mines faculty include W. C. Zeuch, M. D. Orten and J. C. Cullison.



Alpha Kappa has always been outstanding in campus activities, producing more Miner Editors than any other group. Other fields of activity of the chapter include athletics, with eight letters being won this year, the Rollamo, and honorary societies. In its nineteen years on the campus Alpha Kappa of Pi Kappa Alpha has initiated 233 men.



First Row

TAYLOR, KEW, HALE, McDONALD,
McREYNOLDS, NEEL.

Second Row

WALKER, TOWSE, PHEIFER,
GLEASON, ZELL, HOYT.

Third Row

HOWE, DeROY, MURRAY, CLANTON,
PIERSON, NATIONS.

Fourth Row

BAXTER, HOLTMAN, GOULD, SILVER,
LANGE, HOLLMAN.

Fifth Row

BADAME, LOVE, WEAVER, GORDON.

PI KAPPA ALPHA

OFFICERS

E. L. McREYNOLDS	- - - - -	S. M. C.
P. C. McDONALD	- - - - -	I. M. C.
R. C. WEIGAL	- - - - -	Th. C.

ACTIVE MEMBERS

R. E. TAYLOR	C. D. GLEASON
C. E. KEW	W. A. HOWE
D. P. HALE	G. L. W. DE ROY
W. O. NEEL	J. CLANTON
E. W. WALKER	P. GORDON
A. R. TOWSE, JR.	P. MURRAY
J. H. ZELL	H. PHEIFER
H. K. HOYT	N. PEIRSON

PLEDGES

T. BAXTER	G. NATIONS
B. HOLTMAN	R. LANGE
E. GOULD	R. LOVE
P. SILVER	J. WEAVER
O. K. HOLLMAN	P. BADAME

As we meet upon the level, may we part upon the square.

145743
99

ALPHA IOTA of

Sigma Pi was founded at the Vincennes University in 1897. The Missouri School of Mines Chapter of Sigma Pi was installed on April 29, 1933, from what had formerly been the Prospector Club.

In the Fall of 1913 a group of sixteen upper classmen at the Missouri School of Mines and Metallurgy, not affiliated with any of the local social fraternities, but realizing the desirability of such affiliation, organized and founded the Prospector Club. The specific purpose of the organization, as stated in the original Constitution, was "To foster good fellowship among its members, and to frankly strive to promote the interest of the members and of the School of Mines." Arrangements were all completed by January, 1914, and recognition by the school was obtained.

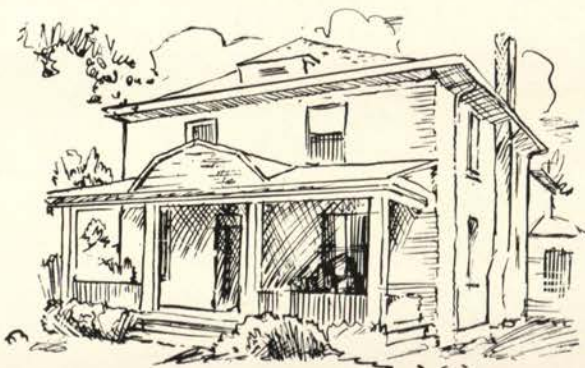
At the outbreak of the World War, practically the entire membership of the Club enlisted, leaving the Club with but a handful of members. These managed to keep the spirit of the organization alive, and in 1919 the Club was successfully reorganized. In 1922 it was incorporated under the Fraternity laws of the State of Missouri, and that is its present status.

The Alpha Iota Chapter of the Sigma Pi Fraternity was installed at the Missouri School of Mines on April 29, 1933.

The Fraternity was first known as Tau Phi Delta. On February 11, 1907, the eight active members of Tau Phi Delta met at the chapter house and changed the name of the organization to Alpha Chapter of the Sigma Pi Fraternity of the United States, the changes thereby wrought were by no means as radical as might appear upon first thought. The circumstances which led to the selection of the name of Sigma Pi and the discarding of that of Tau Phi Delta were most unusual and are probably unprecedented in the annals of fraternity affairs. They are, however, entirely too complicated and lengthy for discussion in this extract.

With the conclusion of the college year at Vincennes in June, 1909, Alpha Chapter became inactive, although the charter was not withdrawn until the year following. The attendance at the college had decreased to a point where

it became very doubtful if suitable material for a fraternity chapter could longer be found and the more aggressive alumni members quite properly concluded to devote their time and energies to the problems of the national organization rather than to attempt to keep the mother chapter alive amid such unpromising surroundings.





First Row
McCONNELL, HUFFMAN,
HENDRICKSON, CARPENTER.

Second Row
HEIN, TUTTLE, SETTLE, HALL.

Third Row
GREEN, SUHRE, VINCENT,
HARWELL.

Fourth Row
McDONALD, GARDNER, BROWN.

S I G M A P I

OFFICERS

F. A. McCONNELL	- - - - -	Sage
H. O. HENDRICKSON	- - - - -	First Counselor
E. A. HUFFMAN	- - - - -	Second Counselor
M. E. GREEN	- - - - -	Third Counselor
E. A. HEIN	- - - - -	Fourth Counselor
J. H. HALL	- - - - -	Herald

ACTIVE MEMBERS

J. C. SETTLE	R. M. CARPENTER
L. P. TUTTLE	

PLEDGES

J. A. VINCENT	J. G. BROWN
D. F. McCARRON	A. W. SUHRE
C. H. McDONALD	G. A. HARWELL
R. H. GARDNER	

ALPHA DELTA ZETA of

On September 13, 1913, a group of young men at the Missouri School of Mines founded a local society, naming it The Muckers Club. This club prospered and grew, until after three years of existence, negotiations with the national fraternity, Lambda Chi Alpha, were started with a view to making this local society a chapter of Lambda Chi Alpha. As a result, a new chapter, Alpha Delta Zeta of Lambda Chi Alpha, was installed on the campus on April 21, 1917.

From its very inception as a chapter of Lambda Chi Alpha this group continued the work that enabled them to become associated with a national fraternity, and this pioneer spirit has become a tradition in the chapter.

The chapter has contributed a large number of men, many of whom were leaders, to the campus activities, both athletic and scholastic. Lambda Chi Alpha has always been represented in the various varsity sports and this year has the distinction of contributing two varsity captains, one in basketball, the other in track.

The rolls of the various honor societies contain the names of many Lambda Chi's, some of whom were leaders of their groups, and the campus organizations providing services to the school and to the students, have drawn willing workers from the chapter's ranks.

The chapter has an enviable record in intramural competition, always being known to enter a fighting team in any sport. It is distinctive for its exceptional baseball teams, having won the intramural championship for the past three years and promises another winning team this year. In 1930-1931 the chapter won the all athletics intramural trophy, in addition to the baseball championship.

The chapter has always ranked high in scholarship and has twice won the Tau Beta Pi Scholarship Trophy.



Lambda Chi Alpha presents a well rounded history, and with its present strength of nineteen members and eight pledges it bids fair to continue that movement started on September 13, 1913, which has placed Lambda Chi Alpha's name among the foremost of the campus organizations.



First Row

MEACHAM, MURRY, JOSLIN,
ABSHER.

Second Row

POWER, BURNHAM, FORT,
BRASAEMLE.

Third Row

FORD, KLEE, MASHEK, PENZLE.

Fourth Row

SPRINGER, RODMAN, DODS, POWELL.

Fifth Row

REED, COMPTON, HOUSEKNECHT,
KALEY.

LAMBDA CHI ALPHA

OFFICERS

W. R. POWER	- - - - -	President
J. G. BURNHAM	- - - - -	Vice-President
F. W. KLEE	- - - - -	Secretary
J. W. MASHEK	- - - - -	Treasurer

MEMBERS

H. R. ABSHER	J. C. BURNHAM	H. T. FORD
E. W. FORT	L. C. JOSLIN	F. W. KLEE
M. H. MURRAY	W. R. POWER	R. I. BRASAEMLE
J. C. MEACHAM	C. L. FENWICK	R. W. JOHNSON
J. W. MASHEK	G. A. PENZEL	R. M. SPRINGER
A. L. WORSECK	P. D. HOUSEKNECHT	E. H. REED
	R. W. SIMMONS	

PLEDGES

G. C. COLLINS	H. E. COMPTON	W. K. RODMAN
S. DODS	R. R. KALEY	F. B. POWELL
A. K. SHORES		E. ROTH AUG

May our purses always be heavy and our hearts always light.

TRIANGLE

Triangle, a fraternity of engineers, is an organization devoted to high attainment personally and professionally in the field of engineering, through the medium of brotherly communion among the men who comprise its membership. It is a national collegiate fraternity which affords its members all the advantages of fraternal life while in school, and perpetuates that spirit of brotherhood beyond college days by virtue of a common interest in the profession of engineering.

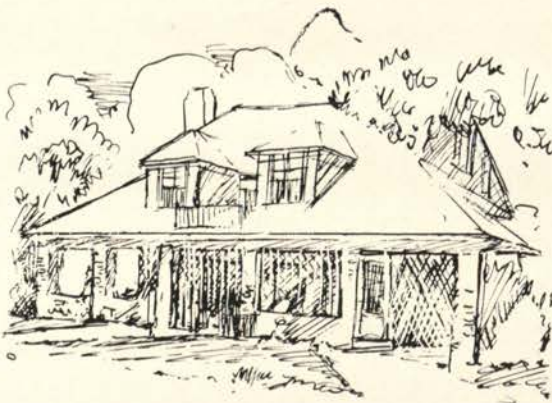
The chapter is governed locally by an elected group of officers taken from its active membership. This gives the young Triangle man an opportunity to develop his executive ability while an undergraduate, thereby supplementing his technical training to the extent of making him familiar with business and management.

There exists a national administrative group of alumni, who keep in very close touch with all the chapters and help them in an advisory capacity. Each chapter also has a group of honorary members upon whom it depends for advice in its more difficult problems. The honorary members of the Missouri Mines chapter are: Professor Carlton, of the Civil Engineering Department; Professor Walsh, of the Metallurgy Department, and Professor Dodd, of the Ceramics Department.

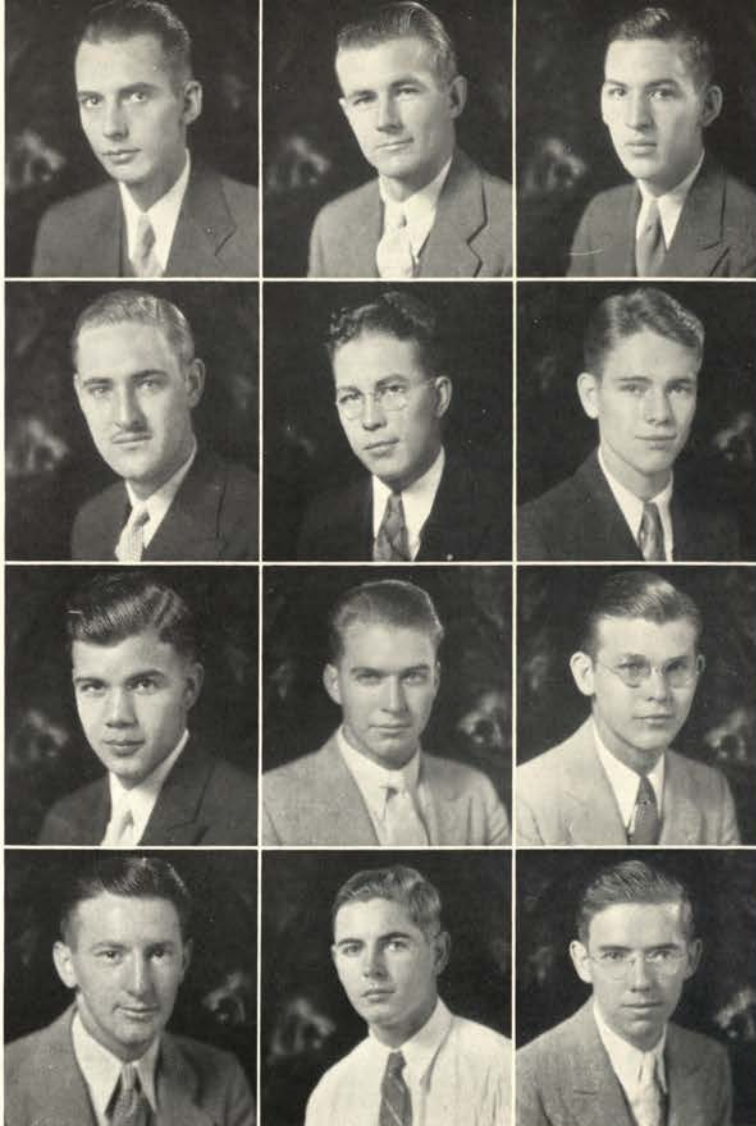
The fraternity was founded at the University of Illinois on April 15th, 1907, by a group of six civil engineering students. There are now 15 chapters of Triangle, located at the following universities: Illinois, Purdue, Ohio State, Wisconsin, Kentucky, Cincinnati, Iowa, Minnesota, Armour Institute of Technology, Michigan, Kansas, Missouri School of Mines, Pennsylvania State College, and South Dakota School of Mines. These schools are representative among the outstanding engineering institutions of the United States.

Triangle Fraternity has grown out of the small nucleus of six junior civil engineering students who found that they had sufficient interests in common to form a club and live together during their senior year at Illinois University. There are now over two thousand Triangle men who have received their engineering degrees and most of

whom are now following the engineering profession.



This chapter of Triangle was installed on December 10, 1927. Before then the organization constituted the Grubstaker Club, one of the older local clubs, founded September 15, 1902. It is the only professional fraternity on the campus that maintains a chapter house, and in addition offers all the advantages of a social fraternity.



First Row
COLE, SLOSS, SCHAMEL.

Second Row
PFEIFER, REESE, KRUSE.

Third Row
HARROD, SMART, EVANS.

Fourth Row
BEARD, THOMPSON, MACKE.

TRIANGLE

OFFICERS

W. S. SCHAMEL, JR.	- - - - -	President
J. P. SLOSS	- - - - -	Vice-President
T. H. REESE, JR.	- - - - -	Recording Secretary
C. W. KRUSE	- - - - -	Corresponding Secretary
R. C. COLE	- - - - -	Steward
R. M. BEARD	- - - - -	Treasurer

ACTIVE MEMBERS

W. S. SCHAMEL
J. P. SLOSS
T. H. REESE
C. W. KRUSE
R. C. COLE
R. M. BEARD
G. K. DETZLER

J. E. HARROD
M. F. MATHIS
F. R. PFEIFER
W. N. COFFMAN
R. A. MACKE
H. G. THOMPSON
T. M. PATTEN

PLEDGES

M. K. SMART
D. GRIMM
L. N. REYNOLDS

C. R. EVANS
J. R. BARY
E. J. SPITZER

Beware of him who talks much of his virtue.

ORDER of

The Mercier Fraternity, whose corporation title is the Order of Cardinal Mercier, may trace its origin, at least in embryo, to a meeting of the Catholic students of the Missouri School of Mines in April, 1925. Father S. P. Stocking, the local pastor, proposed the idea and promised to assist in financing it if a sufficient number of independent Catholic students could be found to make it practical.

The fraternity was formally organized on September 12, 1925, with seven charter members and eleven pledges. The charter members were: Bennet R. Thompson '26, Bernard A. Costello '26, John E. Weber '27, Ameda V. Peugnet '27, Roy J. Gunther '27, Paul A. Hallasey '28, and J. Hugh Tobin '28. A Constitution was drawn up by the members of the organization, and the approval of the faculty and of the Senior Council of the Missouri School of Mines was secured in the Fall of that year. In December of the same year the fraternity was incorporated under the laws of Missouri as an educational, religious, fraternal, and charitable organization.

In January, 1926, the first pledges were initiated and the purchase of a home was considered. After looking over the available properties in town, the members purchased the beautiful and spacious home and grounds which the fraternity now occupies.

The fraternity chose for its patron, His Eminence, Desire Cardinal Mercier, Archbishop of Malines and Primate of Belgium, because of his prominence as a Catholic Churchman, philosopher and educator, and because of his patriotism in defense of his country during the World War. He seemed the highest ideal for Catholic students to whom membership in the Mercier Fraternity is limited.



The list of honorary members of the Mercier Fraternity includes Mr. Luke E. Hart, St. Louis; Mr. J. K. Walsh, St. Louis; Mr. R. P. Cummins, Jefferson City, Mo.; Father C. B. Faris, St. Louis, Mo., and Father J. B. Little, Sullivan, Mo.



First Row

TOBIN, SULLENTROP, MURPHY,
GILSDORF.

Second Row

MURPHY, HAFFNER, AYLWARD,
MARXER.

Third Row

GERLACH, ARNOLD, DENNIS,
VAHLE.

Fourth Row

MATTEI, LEMONS, SCHEER,
SCHMIDT.

CARDINAL MERCIER

OFFICERS

C. J. MURPHY	- - - - -	President
J. H. TOBIN	- - - - -	Vice-President
L. J. SULLENTROP	- - - - -	Secretary
JAMES J. MURPHY	- - - - -	Treasurer

ACTIVE MEMBERS

A. T. AYLWARD
N. J. GILSDORF
H. J. HAFFNER
C. S. MARXER
F. W. ARNOLD

W. E. DENNIS
J. H. GERLACH
P. F. MATTEI
R. M. CARDETTI
R. C. SCHMIDT

J. F. VAHLE

PLEDGES

J. C. SCHEER

S. E. LEMONS

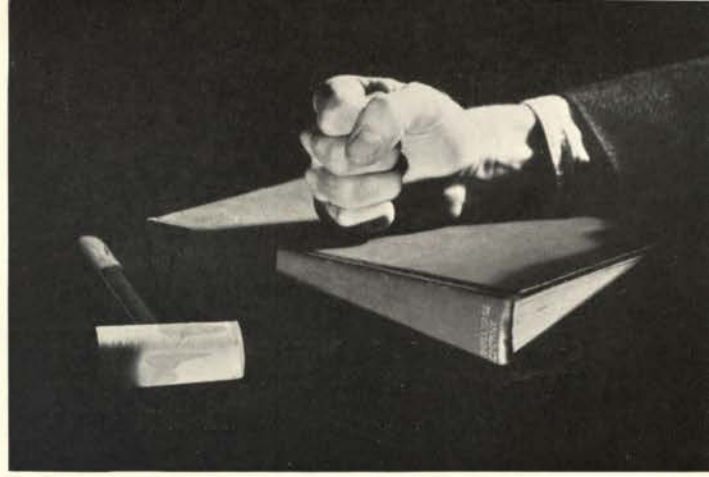
L. J. GLEASON

Here's to that most fascinating woman, the widow of some other man.

Said Dan McGann to a foreign man who worked at the
self same bench,
"Let me tell you this," and for emphasis he flourished a
Stillson wrench,
"Don't talk to me of the bourgeoisie, don't open your
mouth to speak
Of your socialists or your anarchists, don't mention the
bolsheevik
For I've had enough of this foreign stuff, I'm sick as a
man can be
Of the speech of hate, and I'm tellin' you straight that
this is the land for me.
If you want to brag, just take that flag and boast of its
field of blue,
An' praise the dead, an' the blood they shed for the peace
o' likes of you.
Enough you raved," and once more he waved his wrench
in a forceful way,
"O' the cunning creed O' some foreign breed; I stand
for the U. S. A.
I'm done with your fads, and your wild-eyed lads, don't
flourish your rag of red,
Where I can see, or by night there'll be tall candles
around your bed.
So tip your hat to a flag like that; Thank God for its
stripes and stars.
Thank God you're here where the roads are clear, away
from your kings and czars.
I can't just say what I feel today for I'm not a talkin'
man,
But first an' last, I am standin' fast for all that's Ameri-
can,
So, don't you speak of the Bolsheevik, it's sick of that
stuff I am,
One God, one flag, is the creed I brag! I'm boostin' for
Uncle Sam.

AUTHOR UNKNOWN.

"DAN MCGANN"



Hands that have advanced individuals into positions of power and control on the campus—the hands of CAMPUS ORGANIZATIONS.

CAMPUS ORGANIZATIONS

THE 1934

SENIOR COUNCIL

President - - - - W. W. WESTERFELD
 Vice-President - - - G. A. HALE
 Secy.-Treas. - - - H. B. HADDOCK

Independents

DECKER, H. W.
 DUNCAN, O. M.
 FLETCHER, W. B.
 HALE, G. A.
 HOFFMAN, H. A.
 IRWIN, H. A.
 KOZENY, E. C.
 POESE, L. E.
 SANDOE, R. D.
 SIEVERS, K. H.
 WESTEFELD, W. W.

Sigma Nu

HADDOCK, H. B.
 TWYMAN, W. G.

Alternates

DUTTON, D. W.
 KAMPER, W. O.
 TORKEN, M. W.



First Row: Kozeny, Fletcher, Poese.
 Center: Westerfeld.
 Bottom: Sievers, Decker, Hale.

The Senior Council is a form of student government on the campus, its purpose is to decide for faculty approval all the important factors of student government. Nothing is constitutional in connection with any student activity unless it is looked upon with favor by the council.

The Senior Council is chosen from the independent group, non-fraternity men, and those chosen for this capacity, are of necessity better leaders, more prominent on the campus, and higher scholastically, and not as the popular opinion has it, that they are better politicians.

This year has probably seen the last of the old Senior Council, and its inefficiency; its utter lack of interest in the real meaning and purpose of the council. This last is but the first victory for those of us who are going to continue to change things for the good of the school.

SENIOR COUNCIL

ST. PAT'S BOARD

President	- - - - -	L. J. SULLENTROP
Vice-President	- - - - -	W. S. SCHAMEL
Treasurer	- - - - -	D. P. HALE
Secretary	- - - - -	G. A. HALE

Members

McDILL, W. H.	- - - - -	Independent
FISHER, R. L.	- - - - -	Independent
SOLOMON, R. C.	- - - - -	Kappa Alpha
DAILY, A. E.	- - - - -	Kappa Sigma
BECK, R. H.	- - - - -	Kappa Sigma
MURRAY, M. H.	- - - - -	Lambda Chi Alpha
JOHNSON, R. W.	- - - - -	Lambda Chi Alpha
SULLENTROP, L. J.	- - - - -	Mercier
GILSDORF, N. J.	- - - - -	Mercier
HALE, D. P.	- - - - -	Pi Kappa Alpha
HOWE, W. A.	- - - - -	Pi Kappa Alpha
HOWERTON, D. R.	- - - - -	Sigma Nu
FOLSOM, W. G.	- - - - -	Sigma Nu
SETTLE, J. C.	- - - - -	Sigma Pi
HENRICKSON, H. O.	- - - - -	Sigma Pi
SCHAMEL, W. S.	- - - - -	Triangle
HARROD, J. E.	- - - - -	Triangle



Top Row: Hale, Schamel, Sullentrup.
 Second Row: Beck, Murray, Buck.
 Third Row: Neel, Gilsdorf.
 Bottom Row: Settle, McDill, Harrod.

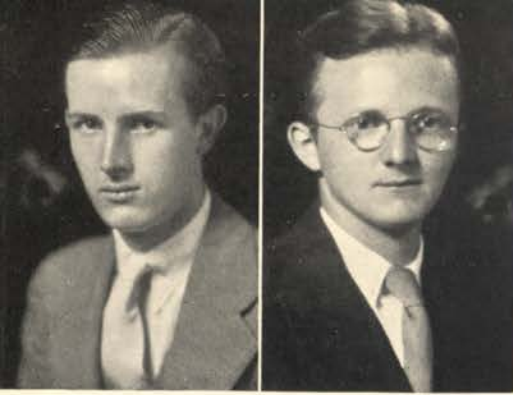
The St. Pat's Board was established in 1930 to succeed the Junior Class as the governing body of this the outstanding social event of our campus.

The board is made up of eighteen men, consisting of a Junior and Senior representative from each social fraternity, and two independents, thus giving a fairly good cross section of the student body. The board handles all the pecuniary matters pertaining to the annual social event known as St. Pat's. Besides this it also determines the time and the place of the event, and has the power to solicit the aid and co-operation of all fraternities, and other student organizations in preparing for and producing a successful St. Pat's celebration.

During the four years the organization has been in control, it has proven itself one of the outstanding, most efficient and best managed organizations on this campus.

ST. PAT'S BOARD

*May the moon shine whene'er we dine,
 And the sun instead, when we go to bed.*



RICHARD E. TAYLOR
Editor

N. J. GILSDORF
Business Manager

ROLLAMO BOARD

Editor in Chief	- - - - -	R. E. TAYLOR
Business Manager	- - - - -	N. J. GILSDORF
Humor	- - - - -	J. C. SETTLE
Advertising	- - - - -	J. J. MURPHY
Organizations	- - - - -	J. P. SLOSS
Sports	- - - - -	D. P. HALE

Members

BECK, R. H.	HOWE, W. A.
CODDINGTON, W. H.	KAMPER, O. W.
GILSDORF, N. J.	KEW, C. E.
GREEN, M. E.	MURPHY, J. J.
HALE, D. P.	NEEL, W. O.
HANSON, K. O.	SLOSS, J. P.
HENRICKSON, H. O.	SETTLE, J. C.
	TAYLOR, R. E.

ROLLAMO

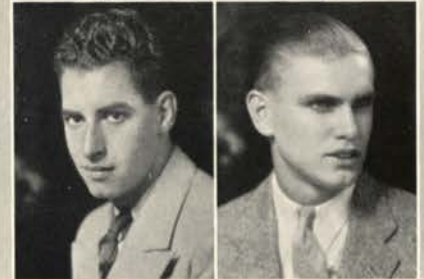
The Rollamo Board has as its sole purpose the composing and publishing of the Rollamo, not only for the students, but for the alumni, and anyone who is interested in a history of the school year, that is in a printed form so that it can be preserved for future years.

Election to the board is possible only for those who have done their work to the entire satisfaction of the board. Tryouts are usually taken from the sophomore class, this is due to the fact that much of the work to be done requires a working knowledge of the campus, and a freshman can hardly be expected to have this, hence it is impossible for him to do the work satisfactorily.

The board elects the Editor and Business Manager for the succeeding year, and they in turn appoint the other officers to the respective positions.

It is the constant aim of the Rollamo Board to give to the student body an annual that will represent a true cross-section of the school activities for that year. There are only two methods of doing this, and they are by the use of pictures or printed material. In the 1934 Rollamo we have tried to combine these two methods in order that there might be a happy medium between them, and in this manner develop a balanced book.

We hope that you will enjoy this, the 1934 Rollamo, as much today as you will in the years to come.



First Row: Hale, Kew, Settle.
Second Row: Murphy, Green.
Third Row: Neel, Howe.
Fourth Row: Hanson, Kamper, Beck.

ROLLAMO BOARD



SCHAMEL
Editor

OSWALD
Business Manager

THE 1934

MINER BOARD

Editor in Chief	- - - - -	W. S. SCHAMEL
Business Manager	- - - - -	A. W. R. OSWALD
Managing Editor	- - - - -	R. L. MONTGOMERY
Sports Editor	- - - - -	E. L. McREYNOLDS
Associate Editors	- - - - -	{ R. H. BUCK W. A. HOWE W. H. McDILL
Advertising Manager	- - - - -	R. C. COLE
Circulation Manager	- - - - -	H. B. HADDOCK

Members of the Board

BUCK, R. H.
DeROY, G. L.
GALLAHER, J. A.
HARMON, H. L.
HOENER, A. J.
KAMPER, O. W.

PEENLES, B. E.
VINCENT, W. H.
WOERHEIDE, A. E.
BECK, R. H.
KEW, C. E.
WEIGEL, R. C.

MISSOURI

ROLLAMO

The Missouri Miner is a student newspaper published weekly for the benefit of the students, alumni and faculty. The student group in charge of this publication constitute the Miner Board.

All business concerning membership to board, officials of Missouri Miner and publishing of Missouri Miner is handled by the Miner Board. To become a member of the board a student must first complete one year as a try-out and during this period turn in one hundred and fifty column inches of approved copy or work equivalent to this amount, and having fulfilled this requisite to be elected to the board by a majority vote of the Miner Board at the spring election.

The board elects officers from its own group to handle the publishing of the Missouri Miner. The officers hold office for one year. All business meetings of the board are presided over by the Editor with each member present entitled to one vote.

All members of the board after one year's membership receive a matrix with their position on the paper's staff engraved on the back. Each year all matrixes are re-engraved, adding to each member's matrix the position held during the past year.

The board is composed of four departments, each having a manager who in turn is responsible to the Editor, who is in charge of the first department as well, namely, Editorial; the other departments being Business, Advertising and Circulation.



First Row: Cole, Beck, McReynolds.
Second Row: Hale, Kew, Montgomery.
Third Row: Hoyt, Howe, Neel.
Fourth Row: DeRoy, Buck, Kamper.
Fifth Row: Vincent, Harmon, Peebles.

MINER BOARD

*Wine, women, mirth and laughter,
Sermons and soda water the day after.*

THE 1934

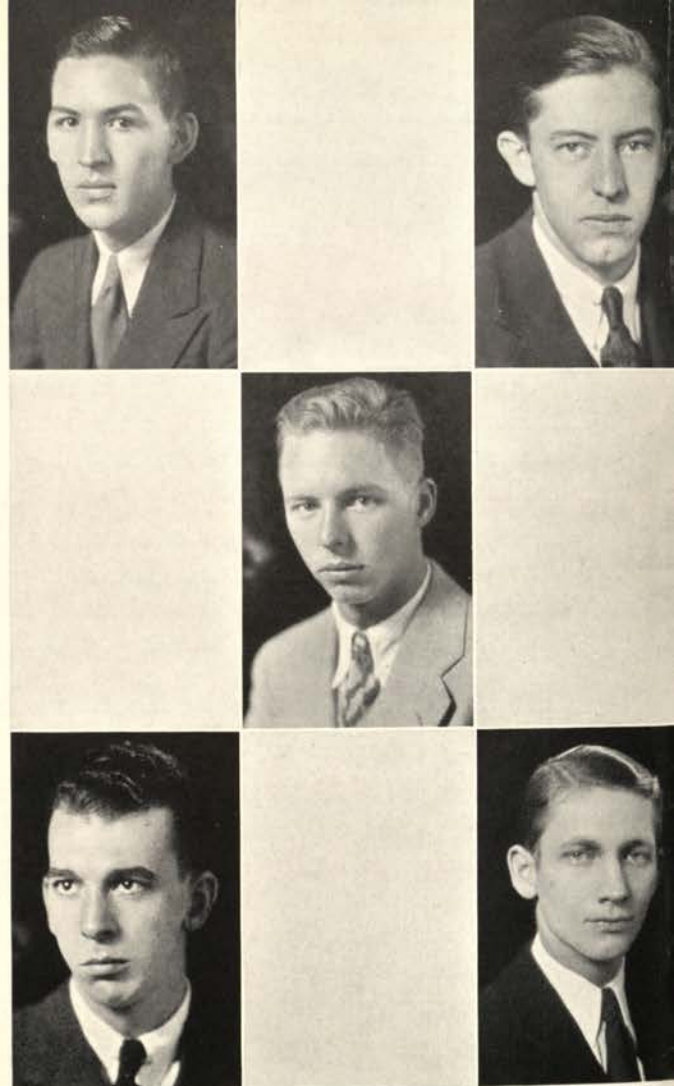
INTERFRATERNITY COUNCIL

President - - - - - W. H. MURRAY
 Vice-President - - - W. S. SCHAMEL
 Secretary - - - - - H. O. HENRICKSON
 Treasurer - - - - - D. P. HALE

W. R. MOORE - - - - - Kappa Alpha
 J. H. GALLOWAY, JR. - - - Kappa Sigma
 M. H. MURRAY - - - - - Lambda Chi Alpha
 D. P. HALE - - - - - Pi Kappa Alpha
 L. J. SULLENTROP - - - - - Merciers
 W. S. SCHAMEL, JR. - - - Triangle
 H. O. HENRICKSON - - - Sigma Pi

Faculty Advisors

PROF. E. C. CARLTON PROF. C. Y. CLAYTON



Top Row: Schamel, Sullentrop.
 Center: Hale.
 Bottom Row: Galloway, Murray.

The Interfraternity Council is a governing body whose membership consists of representatives from each social fraternity on the School of Mines campus. The council was organized for the mutual needs of the fraternities and acts on rushing and social and athletic activities between the fraternities.

The council members are elected by their fraternities to serve one year, each fraternity having one representative. The representative, on all matters coming before the council, presents the feelings of his fraternity and each fraternity abides by any ruling of this council.

The Interfraternity Council strives to promote and maintain good feeling and harmony between the fraternities and between the fraternity and non-fraternity groups on our campus. The Interfraternity Ball and other interfraternity dances are promoted by the council.

INTERFRATERNITY COUNCIL



First Row: Hale, Howe, Neel, McReynolds.
 Second Row: Schamel, Harrod, Dallmeyer, Klingler.
 Third Row: Power, Absher, Murray, Nolde.
 Fourth Row: Schneider, LaFollette, Haffner, Beard.

ROLLAMO

BLUE KEY

President	- - - - -	W. R. POWER
Vice-President	- - - - -	E. L. McREYNOLDS
Secretary	- - - - -	T. G. LaFOLLETTE
Treasurer	- - - - -	H. D. DALLMEYER

Members

ABSHER, H. R.	IRWIN, W. J.
BEARD, R. M.	KLINGER, M. J.
DALLMEYER, H. D.	LaFOLLETTE, T. J.
DUDLEY, E.	MASHEK, T. J.
FISCHER, M. M.	McREYNOLDS, E. L.
GILSDORF, N. J.	MURRAY, M. H.
HAFFNER, H. J.	NEEL, W. O.
HAMES, F. N.	NOLDE, G. T.
HALE, D. P.	PENZEL, G. A.
HARMON, H. L.	POWER, W. H.
HARROD, J. E.	SCHAMEL, W. S.
HOLTMAN, L. W.	SNYDER, C. W.
	HOWE, W. A.

The Blue Key is a non-social society and national honor fraternity. It is an outgrowth of Satyrs. It, as the late Satyr Society, has for its principles: The promotion of campus activities; the entertainment of athletic contests; the printing of programs for these contests and other duties needed to promote a greater feeling of school spirit.

The Satyrs were an active organization as far back as 1913. They were organized as a secret political society and had for their purpose the control of campus activities, especially the St. Pat's celebration, which at that time was under the auspices of the Junior Class. Two men were chosen from the Independents and two from each social fraternity.

BLUE KEY



R. O. T. C. BAND

The "Miners Band" of twenty-five members was organized in September, 1926, with the following officers: Ed. Hunze, President; J. Maples Wilson, Secretary-Treasurer; Jno. W. Scott, Directors.

Two years later this band was reorganized by the M. S. M. R. O. T. C., H. C. Harkes, Drum Major; Jno. W. Scott, Director, and became a part of the military unit.

Since that time it has successfully served both the School and the Military Department. It is recognized as one of the outstanding organizations of the institution. Its ranks have been filled each year and some excellent musical talent developed.

Instruments and music are furnished by the department. It is the duty of the band to furnish music for military drill, ceremonies and parades, also for athletic games and certain other events pertaining to the school.

In addition to the regular weekly drill, this year's activities thus far include: All football games played at Rolla, the St. Louis U. game at St. Louis, the Good-Will Tour of eight towns with the Rolla Chamber of Commerce, concert for annual meeting of the S. C. T. Association at Rolla, concert on the General Lectures Course of M. S. M., and concert at Salem. Mo.

Military drill and general direction of the band are in charge of Lieut. E. C. Itschner. Special drill and letter formation under R. W. Simpson, Drum Major. A brief course of lectures on Theory of Music is given by Mr. Jno. W. Scott, Musical Director of the Band.

BAND



From left to right: KRUSE, MARGARAT MANN, BIRD, SOLOMON, EMILY McCaw, MARY LEE JOHNSON, DOBSON

M. S. M. PLAYERS

President - - - - -	W. W. WESTERFELD
Vice-President - - - - -	J. D. MARTIN
Secretary - - - - -	J. E. O'BRYANT
Business Manager - - - - -	H. D. DALLMEYER
	R. E. TAYLOR

HISTORY OF M. S. M. PLAYERS

Prior to the fall of 1920 there was no permanent organization for the production of plays in the Missouri School of Mines. It was the custom for the Junior Class to give a play or a minstrel, but there was no organization devoted to the presentation of plays and drama.

During the school year of 1920 and 1921, the organization called "Star and Garter" was formed for the purpose of promoting dramatics. This organization proved unsuccessful for the reason that the members were chosen on the basis of popularity rather than ability.

In the fall of 1921 the M. S. M. Players was organized by a few men interested in dramatics. A Constitution was written and adopted and is still in force.

In 1931 Prof. J. S. Cullison, a member of the M. S. M. faculty, devoted a large portion of his time to directing plays for the organization. The play given during this year, entitled "Putting It Over", consisted of a cast of entirely new men, the purpose being to increase the size of the organization. Although the organization is still small in numbers, considerable interest has been aroused and this year has undoubtedly been a success.

PLAYERS



MURRAY
President

BUCK
Business Manager

THE 1934

ATHLETIC ASSOCIATION

President	- - - - -	M. H. MURRAY
Business Manager	- - - - -	H. R. BUCK

Members

Seniors

BUCK, R. H.
MURRAY, M. H.

Juniors

SETTLE, J. C.
SNYDER, C. W.
TWYMAN, W. G.

Sophomores

BRIGHT, W. E.
HALL, J. H.
HANSON, K. O.
HOENER, A. J.
MENEFEE, J. H.
WOERHEIDE, A. E.
WRIGHT, J. W.

Freshmen

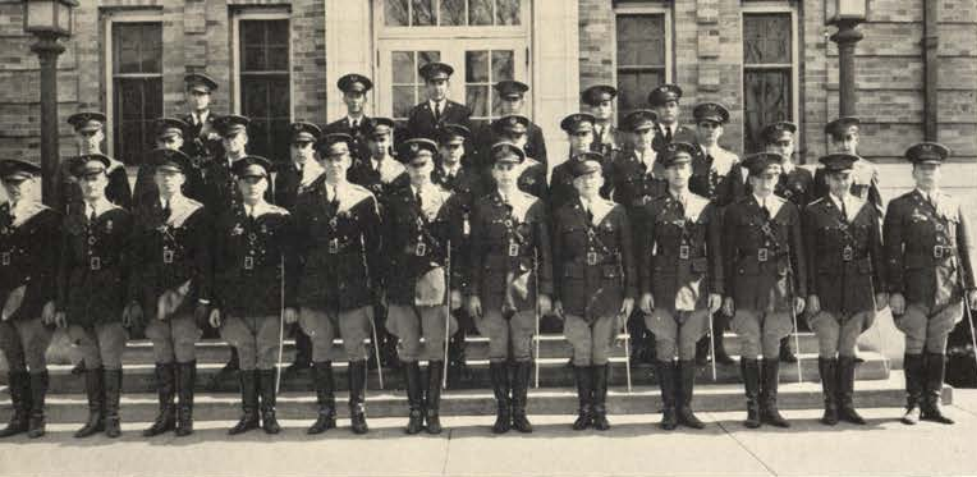
ANDERSON, R.
BUSCH, WM.
DODS, S.
FRAME, J. W.
HOLZ, W. L.
JARRETT, W. R.
LEMON, S. E.
LUDER, W. E.
ROTHAUG, E. H.
SCHEER, J. C.
WEAVER, J. B.
NEALY, B. L.

ATHLETIC ASSOCIATION



*The hand salute, a mark of
respect — may we salute our
MILITARY.*

MILITARY



*Front Row, left to right: MacConnell, Czyzewski, Reese, Decker, Oswald, Hale, Kew, Fort, Irwin,
Ford, Brasaemle, Walther*
*Center Row, left to right: Borgestede, Colman, Dutton, Dallmeyer, Mathis, Darling, Schneider,
Weigel, Nolde, DeRoy, Cel, Neel*
Third Row, left to right: Joslin, Book, Mashek, Fischer, Haffner, Knoll

THE ADVANCED CORPS

The Advanced Corps is composed of Juniors and Seniors who have completed the two-year Basic Course in Military Science and Tactics and, having demonstrated outstanding ability and interest in the work, have been selected by the Director of the Missouri School of Mines and the Professor of Military Science to continue their training. The object of the Advanced Course is to qualify men for a commission in the Officers' Reserve Corps. A student desiring to take advanced training must agree that he will devote five hours per week to the military training prescribed until he completes the advanced course in the engineer R. O. T. C. Also he must attend a training camp for six weeks before receiving a commission. The advanced course students are equipped with regulation officer's uniform and they receive compensation during the period of the advanced training. The advanced training includes instruction in subjects of a technical nature and of general educational value such as explosives and demolitions, roads, bridges, law and history. The responsibilities as a cadet officer develops the student's capacity for leadership and his ability to handle men. The advanced students attend the 6th Corps Area camp at Fort Riley, Kansas. Upon graduation the student is commissioned by the President of the United States as a Second Lieutenant in the Engineer Officers' Reserve Corps.

CORPS

OFFICERS

First Lieutenant John R. Hardin, Engineer Corps, U. S. A., was graduated from the United States Military Academy at West Point, November 1, 1918. He sailed for France, arriving there the following June. After returning Lt. Hardin was assigned to the 5th Engineers at Fort Humphreys, Virginia. He received the degree of Bachelor of Science in Civil Engineering at the Massachusetts Institute of Technology in 1921 and was then stationed with the 3rd Engineers in Hawaii from 1923 to 1926. From 1926 to 1929 Lt. Hardin was associated with the staff of the Engineers School at Fort Humphreys and was graduated from the Engineers' School Company Officers Course in 1930. Lt. Hardin was assigned to the Missouri School of Mines as Professor of Military Science and Tactics in August, 1930.

First Lieutenant Emerson C. Itschner, Corp of Engineers, U. S. A., was graduated from the United States Military Academy at West Point in 1924. He received training in the basic course for one year at the Engineer School at Fort Humphreys, Virginia. Lt. Itschner received the degree of Civil Engineer at Cornell University in 1926. He continued his military training at Fort Humphreys where he was graduated from the Engineers' School Company Officers Course in 1927. Upon the completion of this work, Lt. Itschner was assigned to the Alaskan Road Commission for a period of two years. Later he was stationed with the 6th Engineers at Fort Lawton, Seattle, Washington. Lt. Itschner was appointed Assistant Professor of Military Science and Tactics at Missouri School of Mines in September, 1932.

Sergeant William B. Bertram, D. E. M. L., Corps of Engineers, U. S. A., was graduated from the University of Virginia, receiving the degree of LL.B. in 1911. The following year he received a similar degree from Cumberland University. Sergeant Bertram was a practicing lawyer up to the time the United States entered the World War in 1918. He enlisted in the Army and served overseas for two years in the Quartermasters Corps of the 51st Field Artillery and the Coast Artillery Corps. In 1924 he re-enlisted and was assigned to the 2nd Engineers where he served until 1928. Sergeant Bertram was assigned to the Missouri School of Mines in January, 1929, to serve as an Instructor in Military Science and Tactics.

HARDIN



ITSCHNER



BERTRAM



THE R. O. T. C. UNIT

In accordance with the provision of the National Defense Act of 1920, the War Department maintains at the Missouri School of Mines an Engineer Unit of the Reserve Officers' Training Corps. The Officers' Reserve Corps is a vitally important element of our national defense as it is expected to furnish the bulk of the officers required in the event of war. The principal source of officers of the reserve corps for all future years is the Reserve Officers' Training Corps. Today many of our great universities are the strongholds of the R. O. T. C. The R. O. T. C. division includes a basic course, covering two years, and an advanced course covering two years. Every student physically fit must receive two years training in the Basic Course of Military Science and Tactics prior to graduation. The Basic Course is designed to give students in the freshman and sophomore classes instruction in the fundamentals of military training as applied to engineer troops. This instruction includes military history and policy, organization of the army, military discipline, drill and command, rifle marksmanship, map reading, sketching, and combat principles. One-third of the total time devoted to military training during the first two years is given to outside work in drill and command and engineering practice. The object of the Advanced Course is to qualify men for a commission in the Engineer Section of the Officers' Reserve Corps. They receive instruction in explosives and demolitions, bridges, field fortifications, combat training, and military law and history. One-fifth of the time is devoted to engineering operations and drill outside the classroom. Aside from the purely military value of the instruction an effort is made to develop in the student an appreciation of promptness, neatness of person, and respect for constituted authority and his responsibilities of leadership. The R. O. T. C. Unit is organized as an engineer battalion of four companies and a band. The cadet officers, and non-commissioned officers above the rank of corporal, are selected from the members of the Advanced Course. Officers and non-commissioned officers are chosen on the basis of individual efficiency and merit. Each year the Unit is inspected by a ranking army officer and it has been highly commended on its training and discipline. Irrespective of any military service which these men may render in the future, this military training will be of personal value to them in their industrial or professional careers.



THE MILITARY BALL

One of the most brilliant social events of the year was the annual Military Ball given by the members of the Advanced Engineer Corps at Jackling Gymnasium on February 3. The decorations for the occasion were very beautifully arranged in a color scheme of red and white. From high in the center of the gymnasium red and white streamers were carried down to the sides and at the far end of the gym was the platform arranged for the presentation of the Queen. At each side of the platform two huge American flags were displayed and directly above was the M. S. M. flag. A very attractive setting in red and white was arranged for the orchestra at the opposite end of the gym. With these decorations the gymnasium presented a very beautiful setting for the event. The presentation of the Queen began at eleven o'clock as the members of the Advanced Corps and their dates marched in to form an aisle leading to the throne. As the trumpets sounded the Battalion Maid of Honor, Miss Jean Thompson, entered and was escorted to the throne by Cadet Lt. W. F. Irwin. The next to enter was Miss Sybil Powell, Staff Maid of Honor, accompanied by Cadet Captain and Adjutant C. E. Kew. Following in order were the Maids of Honor of the two companies, Mrs. A. W. R. Oswald, accompanied by Mr. A. W. R. Oswald, Cadet Captain of "A" Company, and Miss Mildred Dewing, accompanied by E. W. Fort, Cadet Captain of "B" Company. Then as the trumpets sounded again, the Queen of the Military Ball, Miss Marion McKinley, entered and was accompanied to the throne by Cadet Major D. P. Hale. As she passed down the row of officers an arch of sabers was formed. Upon reaching the platform the officers saluted and she was presented with a bouquet by Major Hale honoring her as Queen of the R. O. T. C. Battalion.

*For thou hast been as one, in suffering all, that
suffers nothing,
A man that fortune's buffets and rewards
Hast ta'en with equal thanks; and blest are
those
Whose blood and judgment are so well com-
mingled,
That they are not a pipe for fortune's finger
To sound what she please. Give me that man
That is not passion's slave, and I will wear him
In my heart's core.*

SHAKESPEARE.

HAMLET TO
HORATIO

CHAPTER • •
FOUR • • •
ST. PATS

St. Pats—the knighting of the seniors by their patron saint; a tribute to the god Bacchus.

St. Pats—an occasion enhanced by the charm and grace of the fair sex, and climaxed by the crowning of the Queen of Love and Beauty.



S T .



P A T S

A bridge designed to cross the Hudson could not be built over the Mississippi without material change. Each specific condition must have its own design, since the earth's surface, and underlying structure changes so rapidly from point to point. The civil engineer's work does not lend itself to production methods, typical works planned and executed by him are: Bridges, buildings, highways, railroads, dams, tunnels, sewerage systems, and water supplies.

THE 19TH ST. PAT'S

The nineteenth visit of that genial and jolly personality, St. Pat, was greeted by a happy and jubilant throng. The celebration got under way after the arrival of the many beautiful dates who were to adorn the M. S. M. Campus and fraternities during the festivities. The first dance to be frequented by the joyous throng was the Independents' dance at the gym. The dancers divided their time between this dance and the joint dance given by the Pi K. A.'s and the Triangles at the Sinclair Pennant Tavern. The crowd then revamped their wavering spirits while there was a change of orchestras. Then the Sigma Pi's and the Merciers took over the duties as hosts with the dancing still at the Tavern. The Lambda Chi's were the last to fulfill the position as host to those who had not passed out or had not been waylaid during the course of the evening.

The jovial Patron Saint was pompously ushered through the main drags of Rolla to Parker Hall, where he delivered his address, and, with a few timely remarks, knighted those who had struggled with him for four years through the halls of learning.

At ten o'clock Friday evening, the merry throng of dancers made their way to the Jackling Gym, where Art Kassel and his band was sending syncopated tunes ringing to the rafters. Thus started the costume ball, which portrayed through costumes peoples from the four corners of the globe.

At twelve o'clock to the strains of "The Wearing of the Green," St. Pat honored his waiting subjects with his presence. Following St. Pat came the retiring queen, Miss Sybil Powell, wearing the crown which she had so gracefully and proudly worn for a year. She was accompanied by Leo Sullentrup. Next came the court of charming maids of honor, Miss Bernadine Hodges, Miss Winifred Knehaus, Miss Marvine Line, Miss Mary Moore, Miss Wanda Green, Miss Elsie Rucker, Miss Dorothy Fort, and Miss Betty Willert, accompanied by their respective escorts.

Preceded by flower bearers and amid thunderous applause came the new queen, the beautiful and lovely Mickey Coffmann. At the foot of the throne she was crowned the nineteenth Queen of Love and Beauty, to reign over the loyal subjects with the Patron Saint.

ST. PATRICK

Long famous as an inimitable imitator of Joe Penner and also far-famed for his well-known burp and subtle or "settle" jokes, no one in school was so well suited for the position of St. Patrick as the one and only (thank God) "Soapy" Settle. The most popular man to enter school for a number of years, "Soapy" suited the position like tomato juice suits him every Sunday morning.

For a number of years St. Pat has been impersonated by outstanding Juniors, but until this year they always showed a lack of the will and humor necessary on such an occasion. "Soapy" has been known to his many friends as the craziest man in school since he first flunked chemistry. And that is quite some time ago as he is now flunking for the fifth or sixth time, we lost count.

At any rate, the general impression that we wish to convey is that the choice was most wisely, sagaciously and sagely made. So what?



JOHN C. SETTLE



THE QUEEN

Miss "Mickey" Coffman, of Rolla, was chosen to reign as the Queen of Love and Beauty at the nineteenth annual celebration of the coming of St. Patrick, and holds sway until succeeded next year by the coming Queen. Tradition demands that the girl chosen be exceptionally popular and charming and, although it is merely established by precedent, be a so-called town girl.

Of the many candidates eligible for the position, "Mickey" came the nearest to perfection. As Irish as an O'Shaughnessy, as popular as the drug store on Sunday afternoon, and as charming and refreshing as a breeze in May, "Mickey" filled the Queen's position as it has seldom been portrayed. It has been the general opinion of all of those who attended the ceremonies that never before has a Queen been so graceful, and queenly in her entrance and entered so wholeheartedly into the spirit of St. Patrick's. All hail the Queen! And may her reign be one of success and happiness!

MILDRED COFFMAN



Saturday came much too rapidly for the gay throng. With it came the formal closing dance of the celebration, which was preceded by formal dinners at the various frat houses over the campus. It is certain that each of these delightful affairs was a glorious success, for when the couples once more entered the gym to participate in the Formal Prom, they were in a state of happiness unequalled even by the previous night.

At 10 o'clock the gay dancers again assembled at Jackling Gym for the final bit of the festivities. Here, amid the contrast of the black and white of the tuxedos, the beautiful and multi-colored evening gowns of the fair sex were allowed to reign with supremacy. The music was a bit more subdued than the preceding evening and the lights just a bit more softer while each Don Juan held the choice of his heart in his arms and glided gracefully through the maze of the dance. The scene, sharply in contrast with the previous evening, was none the less brilliant.

At three-thirty, to the strains of "Home, Sweet Home," the dancers brought their gliding and rhythmic steps to a halt, paused a moment, and then left the Palace of Love and Beauty to return again next year, providing Fate is kind enough to grant this. To those who attended St. Pat's this year, it will live on as an undying memory of a most wonderful and exceedingly happy occasion. With a doubt in the minds of those who attended this great celebration, it was the most spectacular and enjoyable St. Pat's thus produced. The happy throng left the scene of the dance to add stimulant to their now much tired nerves. Many of the joyous dancers did not retire to rest their bodies, but took it upon themselves to make the best of the little time remaining. With many a fond farewell, new found friends as well as old parted, hoping to see each other again next St. Pat's.

PARTY

THE 1934 ROLLAMO

BERNADINE HODGES
Rolla, Mo.
Independent Queen



WINIFRED KNEHANS
Cape Girardeau, Mo.
Triangle Queen

MARVINE LINE
Rolla, Mo.
Sigma Pi Queen

MARY MOORE
St. Louis, Mo.
Kappa Sigma Queen



WANDA LEE GREEN
Macon, Mo.
Pi Kappa Alpha Queen

ELSIE RUCKER
East St. Louis, Ill.
Sigma Nu Queen



DORTHY FORT
Rolla, Mo.
Lambda Chi Alpha

BETTY WILLERT
St. Louis, Mo.
Mercier Queen

MAIDS OF HONOR

Saint Patrick was a gentleman,

*Who, through strategy and stealth,
Drove all the snakes from Ireland—*

Here's a bumper to his health.

But, not too many bumpers,

Lest we lose ourselves, and then,

Forget the good Saint Patrick,

And see the snakes again.

* * *

Pat may be foolish

And sometimes very wrong;

Pat has a temper

Which don't last very long;

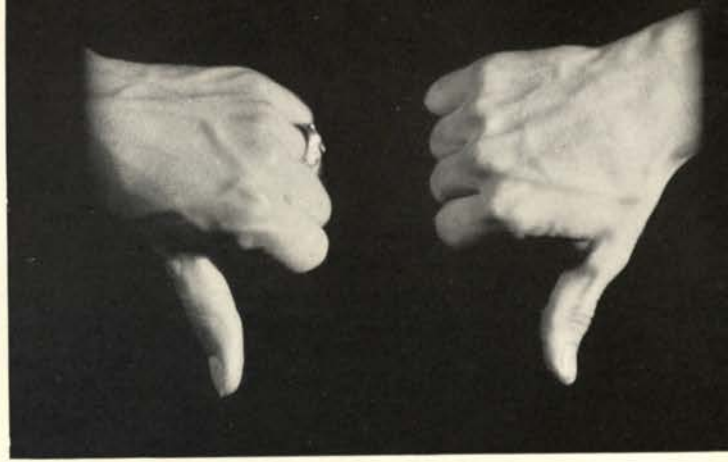
Pat is full of jollity,

That everybody knows,

And you'll never find a coward

Where the Shamrock grows.

T O A S T S



*Some hands are all thumbs—
the hands of SATIRE.*

SATIRE

Some of the Profs on this campus think they cannot be hand-shaken, but when the team of Jackson and Swift get together, the hardest and biggest of the lot seem to shrink right up to an "S" or an "E." These two guys have callouses on their hands from September to June. They work harder on the profs than they do on their books.

Imagine a Cadet Captain Adjutant sleeping on a lawn all night. He may be a big out-of-door heman, but that was not his reason for sleeping on the Pi Phi lawn after having a date with a Kappa Alpha Theta, and her one of the outstanding group. (One of the seventeen.)

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THE REGISTRAR
School of Mines and Metallurgy
Rolla, Missouri

When a person sleeps in their own home with their own wife the public thinks nothing about it, but when a man sleeps all night on a strange couch with a feminine taxi-driver, somebody is liable to begin talking. If I were you I would not try that trick very often, Schammel. What means of paying taxi bills is this?

All out of a clear sky young Fort takes off for St. Louis. He can't get away with that because he did not keep sufficiently hidden after he had bagged his fair game. My, my what a Romeo our little "Bunny Fort" turned out to be all of a sudden.

Athletic heroes are made, not bored.

The Rolla Herald ★

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PORTRAITS
and VIEWS

IN THIS BOOK WERE MADE

by

MACEWAN

photographer

CENTRAL BANK BUILDING

SEVENTH AND OLIVE STS.

St. Louis, Mo.



To some people apples are a fruit, but to others they are merely a means of keeping the "Doctor" away. However, no matter how much he brags about his "fency epples," they have done no good in keeping this doctor away from the door. As a matter of fact, the doctor has opened activities at several new doors. All said are centered on the same dame, of course.

Since business is picking up, our well-known basketeer, Le Compte Joslin, cannot make up his mind whether to stick to the creamery business or to go into the drug store game. Remember, Compte, the drug store handles a lot better stock than beer and it all comes in the prettiest bottles. Stick around and maybe you can get a finger in both of the pies and keep the larder well stocked all of the time.

There was once a senior in this institution who was so tough at Drury College that his father had to send him here and parole him to a preacher to keep him from biting all of the dogs. While, on the other hand, we have a man in the school who for a pastime engages in a friendly game of marbles on the rug with a certain Prof.'s daughter. Who was the winner of the game and what were the stakes you played for, Taylor? (Imagine, the editor of this here book.)

What a pity that there are not more co-eds on the campus. With such a character as "Valley" Weigle on the campus the common people don't have a chance. Let us all try going to the library more often and maybe we can all find something of interest there.

Rollamo Soda Shop

W E D E L I V E R



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*We accommodate
students*



PHONE
313



Conductor: "I'll have to charge you full fare for your little brother—he's wearing long pants."

Young Brother: "Gosh, sis, you ride free!"

First Cow: "Where's the rest of the girls?"

Second Contented One: "They're over in the other lot in a bull session."

One of our more prominent local belles seems to have completely overwhelmed a certain Sigma Nu to the extent of several favors, such as candy in handsome boxes (which it is said several of our students enjoyed), and also being escorted home (except when it is possible to slip out of the back door). Perhaps it is that funny little red moustache that gets 'em, well, there's no fool like an old fool.

Humor?

"Say, Joe, your drag looked quite tempting in that biblical gown she was wearing last hop."

"What do you mean — Biblical gown?"

"Lo and behold."

It's bad enough when they steal King Tut's mummy from his tomb, but when Eddie Cantor steals his jokes, that's too much.

Now you take "Prexy" Powers the buck-shot king. He has parred many a golf course, but never the South St. Louis course. Those big brown eyes will take any man's mind off of his golf, or was it golf you were playing?

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An Egotist: The boy friend who, when kissing his sweetheart murmurs that he must be the second most happiest person in the world.

•
"Dear, am I the first man you ever loved?"

"Yes, Reginald. All the others were fraternity boys."

•
Hierling: "I want more money. My wife's going to have a baby."

Boss: "Well, don't you carry accident insurance?"

•
First Frosh: "I heard you didn't have a good time with your blind date last night?"

Second Nut: "Naw, just the opposite. I couldn't entertain her from one side, so I went to the other, and there was a senior having as good a time as I was."

My Love

Oh, my love has dark eyes and a spark within, like fires in the black of the night,

And her love is as warm as the heat of the sun and her heart is as gay as it's light.

Oh, her hair's like a glossy black banner that shines as it flutters along in the breeze,

(And her lips are as free as an eagle that dives from the clouds to the foam of the seas),

Oh, my love is a dream and a queen of queens, with a beauty that strikes men dumb,

And what's more, my love's an off-campus girl, so I go around here like a bum.

—Our Registrar.

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Coming to the question of marriage. The Pi K. A. house had a corner on the married students for a while, but along came the Sigma Nu house and put in their contestant. These guys should organize a fraternity all of their own. Correction: It would have to be a fraternity-sorority and when they opened their house there would be one consolation, they would not need a housemother, or would they.

Some people claim that smoke gets in their eyes, but I claim that it was smooch that got into Buck's eyes when he failed to Tally-Ho and must remain an extra half year in order to get his sheepskin. Imagine the winner of the freshman slide-rule and the president of Tau Beta Pi having to take four and one-half years to graduate. Some girl I would call her.

Some people have luck and success wherever they go, but Westfeld has never been able to find Messersmith's lucky horseshoe no matter how hard he tries. He belongs to every organization that has been created on this campus since time began and still he can do himself no good. He just keeps gathering more keys for his watch chain and hoping that some day before he graduates that he will get into an organization in which they will believe in him.

I hope you all enjoyed this bit I have contributed to the book, but if there are any complaints just take them to the Senior Council and you will be fixed right up. No doubt.

Why is it that in a school where we are all Americans that we tolerate a person who waves a red flag?

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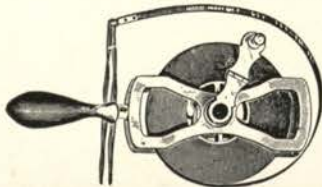
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